WORLD Journal of SURGERY

Official Journal of the International Society of Surgery/ Société Internationale de Chirurgie (ISS/SIC) • International Association of Endocrine Surgeons (IAES) • International Association for the Surgery of Trauma and Surgical Intensive Care (IATSIC) • International Association for Surgical Metabolism and Nutrition (IASMEN) • Collegium Internationale Chirurgiae Digestivae (CICD)

Volume 18, 1994

EDITOR-IN-CHIEF **Ronald K. Tompkins, M.D. Los Angeles, U.S.A.**

CO-EDITORS

Abe Fingerhut
Poissy, France

José F. Patiño
Bogotá, Colombia

EDITORIAL BOARD

Osahiko Abe
Tokyo, Japan

Vicente P. Gutierrez
Buenos Aires, Argentina

Bertil Hamberger
Stockholm, Sweden

Christian H. Herfarth
Heidelberg, Federal Republic of Germany

Jin-Pok Kim
Seoul, South Korea

J. Miles Little
Westmead, Australia

Enrique Moreno González
Madrid, Spain

Peter J. Morris
Oxford, England

Lloyd M. Nyhus
Chicago, U.S.A.

Michail I. Perelman
Moscow, Russia

Thomas P. Ruedi
Chur, Switzerland

J. Rüdiger Siewert
Munich, Federal Republic of Germany

Hiroshi Takagi
Nagoya, Japan

Michael Trede
Mannheim, Federal Republic of Germany

Jon A. van Heerden
Rochester, U.S.A.

CONSULTANTS

Panagiotis E. Balas
Athens, Greece

C. James Carrico
Dallas, U.S.A.

John R. Farndon
Bristol, England

Felix Harder
Basel, Switzerland

Graham L. Hill
Auckland, New Zealand

Bernard Langer
Toronto, Canada

Alberto Peracchia
Padua, Italy

Jacques Perissat
Bordeaux, France

Matthias Rothmund
Marburg, Federal Republic of Germany

Glenn Steele, Jr.
Boston, U.S.A.

Zhao-you Tang
Shanghai, China

Takayoshi Tobe
Kyoto, Japan

Donald D. Trunkey
Portland, U.S.A.

Ambrose E.O. Wasunna
Nairobi, Kenya

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the Société Internationale de Chirurgie.

The use of registered names and trademarks in this publication does not imply, even in absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

© 1994 by Société Internationale de Chirurgie

Author Index—Volume 18, 1994

The index lists in alphabetical order the names of authors of all articles and invited commentaries. Full citation is given under first author order only; reference is made from joint authors. Names that begin with a prefix are entered under the prefix.

A

Abela, C.: see Längle et al., 619
Abeloff, M.D.: see Davidson and Abeloff, 112
Ais, G.: Role of Platelet Activating Factor in Stress-Induced Erosive Gastroduodenitis, S54
Akaiwa, J.: Surgery for Colorectal Cancer in Aged Patients, S34
Akamine, S.: see Kawahara et al., 822
Åkerström, G.: Commentary, 479
Åkerström, G.: see Makridis et al., 481
Åkerström, G.: see Ohrvall et al., 612
Aldeia, F.J.: see Mendes de Almeida et al., 883
Altorki, N.K., Girardi, L., Skinner, D.B.: Squamous Cell Carcinoma of the Esophagus: Therapeutic Dilemma, 308
Alvarado, A.: Previous Gastric Resection and Development of Esophageal Carcinoma, S32
Alvarado, A.: Relationship of Cold Preservation Time (C.P.T.) and Biliary Complication in Liver Transplantation, S32
Alvarado, A.: Timing of Biliary Complications After Liver Transplantation, S32
Aly, A.M.H.: see Barsoum et al., 273
Amery, A.: see Mueller et al., 406
Ames, F.C.: see Singletary et al., 87
Ander, S.: see Johansson et al., 417
Andersen, O.K.: see Reiertsen et al., 411
Anderson, S.: see Fisher and Anderson, 63
Aoki, H.: Clinical Study of Gastro-Intestinal Motility After Conventional and Laparoscopic Cholecystectomy, S59
Aoki, Y.: Role of Colour Representation of Three Dimensional Computed Tomography in Pancreatic Surgery, S34
Apffelstaedt, J.P., Müller, R.: Results of Mandatory Exploration for Penetrating Neck Trauma, 917
Apte, N.K., Kerkar, P.G.: Health Care Delivery System and Surgical Education in India, 687
Arii, K.: Neutrophil Function in Patients with Gastrointestinal Cancer with Impaired, S64
Ashikawa, T.: see Takeshita et al., 428
Asolati, M.: see Bardini et al., 373
Auer, G.U.: see Schimmelpenning et al., 827
Ayabe, H.: see Kawahara et al., 822

B

Baba, S.: see Konno et al., 944
Baker, E.: see Menegaux et al., 866
Baker, L.W.: see Thomson and Baker, 701
Bakka, A.: see Reiertsen et al., 411
Balducci, G.: see Stipa et al., 200
Bandai, Y.: see Idezuki et al., 216
Bapaye, M.Y.: Are Abdominal Reoperations (REOPS) Avoidable? S48
Bapaye, M.Y.: Reoperations (REOPS) After Surgery for Chronic Duodenal Ulcer (DU), S49
Bardaxoglou, E.: Oesophageal Perforation: Primary Suture Repair Reinforced with Absorbable Mesh and Fibrin Glue, S17
Bardaxoglou, E.: Plea for Surgical Palliation of Pancreatic Carcinoma, S58
Bardini, R., Asolati, M., Ruol, A., Bonavina, L., Baseggio, S., Peracchia, A.: Anastomosis, 373
Barraclough, B.H.: Commentary, 499
Barsoum, M.S., Boulos, F.I., Aly, A.M.H., Saad, M., Soliman, M.A., Doss, W.H., Zakaria, S., Thakeb, F.: Acute Variceal Hemorrhage: The Persistent Bleeder. A Plea for Management, 273
Baseggio, S.: see Bardini et al., 373
Baum, M.: see Houghton et al., 117
Becker, H.D.: Esophageal Cancer, Early Disease: Diagnosis and Current Treatment, 331
Ben-Chetrit, E.: see Reissman et al., 139
Bengmark, S., Jeppson, B.: Swedish Health Care Delivery System and Its Effects on Surgical Education, 707
Berger, M.Y.: see Plaisier et al., 769
Bergler-Klein, J.: see Längle et al., 619
Bettencourt, A.: see Mendes de Almeida et al., 889
Bhansali, S.K.: Pancreatic and Peripancreatic Sepsis: Experience with 75 Cases, S13
Bielecki, K.: Metabolic Disturbances After Roux en Y Procedure Performed Due to the Alkaline Reflux Gastritis, S22
Bland, K.I.: Progress in Clinical and Basic Research on Breast Cancer—Introduction, 10
Bland, K.I.: see Frykberg and Bland, 45
Blauensteiner, W.: see Längle et al., 583
Bloch, P.: Laparoscopic Treatment of Gastro-Oesophageal Reflux (GOR) 55 Cases, S52
Bloch, P.: Total Oesophagectomy for Cancer with Oesophago-Gastroplasty: Is There a Place for Thoracoscopy? S52
Bloechle, C.: Effect of a Pneumoperitoneum on the Extent and Severity of Peritonitis Induced by Gastric Ulcer Perforation in the Rat, S15
Bobey, D.G.: see Hopkins et al., 933
Bodner, E.: Radical Lymph Node Dissection in Gastric Cancer Patients, S52
Böhm, B.: Postoperative Ileus Following Conventional and Laparoscopic Intestinal Surgery, S34
Bonavina, L.: see Bardini et al., 373
Borgen, P.I.: Management of Locally Advanced Breast Cancer, 81
Bornman, P.C.: see Terblanche et al., 185
Boscaro, M.: see Favia et al., 462
Boulos, F.I.: see Barsoum et al., 273
Brearley, S.: Health Care Delivery Systems: Effects on Surgical Education in the United Kingdom, 725
Bruining, H.A.: see Plaisier et al., 769
Brunicardi, F.C.: Commentary, 420
Brunicardi, F.C.: see Lin and Brunicardi, 753
Burroughs, A.K.: see McCormick and Burroughs, 171
Busch, F.: see Peiper et al., 912
Buzdar, A.U.: see Veronesi et al., 70

C

Cady, B.: Commentary, 551, 558, 567
Carney, J.A.: see Gough et al., 473
Carter, D.C.: see Greig et al., 176
Carter, R.: Letter to the Editor, 290
Carter, R.: Uriah Heep Syndrome, 790
Casadei, R.: Echo-Colour Doppler in Preoperative Staging of Pancreatic Cancer, S57
Casadei, R.: Serum CA 242 in Pancreatic Cancer: A Comparative Study with CA 19-9 and CEA, S15
Castorina, S.: see Stipa et al., 692
Ceccarelli, C.: see Pacini et al., 600
Cervantes, A.: see Cervantes and Cervantes, 696
Cervantes, J., Cervantes, A.: Health Care Delivery System. Effects on Surgical Education: The Mexican Panorama, 696

Cetani, F.: see Pacini et al., 600
Chabner, B.A.: Letter to the Editor, 441
Chang, T.M.: The Influence of Gastric Emptying After HSV, HSV+ Duodenectomy and Posterior Truncal Vagotomy+Anterior Seromyotomy, S60
Chareton, B.: Billroth I or II for Carcinoma of the Gastric Antrum: A Prospective Randomized Study, S17
Charlo, T.: Cost Analysis of Laparoscopic Cholecystectomy in Comparison with Open Cholecystectomy, S44
Chen, B.F.: see Jeng et al., 845
Chen, H.Y.: Percutaneous Cholecystostomy in Acute Cholecystitis, S72
Chen, M.-F.: Bacteremia Following Postoperative Choledochofiberscopy, S11
Chen, M.-F.: see Wang et al., 131
Chen, P.-C.: see Wang et al., 131
Chen, S.J.: see Zhang et al., 347
Cheng, G.Y.: see Zhang et al., 347
Chiatasso, P.: Carcinologic Survey of Liver Metastases from Colorectal Cancer: It Is Useful, S33
Chiatasso, P.: Laparoscopic Cholecystectomy: Efficacy of Routine Cholangiography, S33
Chu, C.-H.: see Shen and Chu, 433
Clark, O.H.: Commentary, 575
Clark, O.H.: see Grossman and Clark, 460
Clark, O.H.: see Tezelman et al., 522
Clodi, M.: see Längle et al., 583
Cohen, A.H., Cohen, R., Taylor, B.R., Reznick, R.K.: Health Care System and Medical Education in Canada. 1. Review of the Health Care Context in a Time of Change, 672
Cohen, A.H.: see Cohen et al., 676
Cohen, R., Cohen, A.H., Reznick, R.K., Taylor, B.R.: Health Care System and Medical Education in Canada. 2. Impact of Changes in the Health Care System on Medical Education, 676
Cohen, R.: see Cohen et al., 672
Collins, J.C., Rypins, E.B., Sarfeh, I.J.: Narrow-Diameter Portacaval Shunts for Management of Variceal Bleeding, 211
Conway, T.: see Lynch et al., 21
Coosemans, W.: see Lerut et al., 379
Cox, M.R., Wilson, T.G., Jeans, P.L., Padbury, R.T.A., Toouli, J.: Minimizing the Risk of Bile Duct Injury at Laparoscopic Cholecystectomy, 422
Cozzi, P.J., Stewart, G.J., Morris, D.L.: Thrombocytopenia After Hepatic Cryotherapy for Colorectal Metastases: Correlates with Hepatocellular Injury, 774
Crotty, T.B.: see Gough et al., 473
Cuypers, Ph.: see Lerut et al., 379

D
D'Amico, D.F.: see Favia et al., 462
Dagenais, M., Langer, B., Taylor, B.R., Greig, P.D.: Experience with Radical Esophagogastric Devascularization Procedures (Sugiura) for Variceal Bleeding Outside Japan, 222
Dai, B.: see Meyer et al., 286
Dam, K.: see Längle et al., 583
DaRosa, D.A.: see Dunnington and DaRosa, 734
Davidson, N.E., Abeloff, M.D.: Adjuvant Therapy of Breast Cancer, 112
Davies, H.G.: see Neonakis et al., 588
de Leyn, P.: see Lerut et al., 379
de Manzini, N.: see Meyer et al., 286
De Micco, C.: see Henry et al., 529
de Roy van Zuidewijn, D.B.W., Songun, I., Hamming, J., Kievit, J., van de Velde, C.J.H., Veselic, M.: Preoperative Diagnostic Tests for Operable Thyroid Disease, 506
DeGroot, L.J., Kaplan, E.L., Straus, F.H., Shukla, M.S.: Does the Method of Management of Papillary Thyroid Carcinoma Make a Difference in Outcome?, 123
Delbridge, L., Lean, C.L., Russell, P., May, G.L., Roman, S., Dowd, S., Reeve, T.S., Mountford, C.E.: Proton Magnetic Resonance and Human Thyroid Neoplasia II: Potential Avoidance of Surgery for Benign Follicular Neoplasms, 512
Demeure, M.J., Doffek, K.M., Rezaee, M., Goretzki, P.E., Wilson, S.D.: Diminished Expression of the $\alpha 5\beta 1$ Integrin (Fibronectin Receptor) by Invasive Clones of a Human Follicular Thyroid Cancer Cell Line, 569
den Toom, R.: see Plaisier et al., 769
Denizot, A.: see Henry et al., 529
Dent, T.L.: Commentary, 285
Deu, E.: see Mischinger et al., 852
DiMarco, A.M.: see Miller et al., 906
Dittler, H.J.: see Hölscher et al., 312
Doffek, K.M.: see Demeure et al., 569
Donohue, J.H.: see Gough et al., 473
Donohue, P.E.: Commentary, 137
Dos Santos, N.M.: see Mendes de Almeida et al., 883
Doss, W.H.: see Barsoum et al., 273
Dowd, S.: see Delbridge et al., 512
Doyle, J.: see Steele and Doyle, 655
Doyle, J.: see Stone et al., 738
Dralle, H.: see Proye et al., 467
Dralle, H.: see Scheumann et al., 559
Dunnington, G.L., DaRosa, D.A.: Changing Surgical Education Strategies in an Environment of Changing Health Care Delivery Systems, 734
Durst, A.L.: see Reissman et al., 139

E
Ebling, B.: see Simon et al., 535
Egawa, H.: see Menegaux et al., 866
Egerton, W.S.: Health Care Delivery System in Australia and Its Effect on Surgical Education and Training, 662
Eguchi, R.: see Ide et al., 321
El-Ashry, D., Lippman, M.E.: Molecular Biology of Breast Carcinoma, 12
El-Karim, H.A.: see Walia and El-Karim, 758
Elcheroth, J., Vons, C., Franco, D.: Role of Surgical Therapy in Management of Intractable Ascites, 240
Eldor, J.: Letter to the Editor, 291
Endo, M.: see Takeshita et al., 428
Endo, T.: see Ide et al., 321
Endoh, Y.: Effects of Prostaglandin E_1 on the Function of Organs in Patients After Hepatectomy, S36
Eriksson, E.T.: see Schimmelpenning et al., 827
Esquivel, C.O.: see Menegaux et al., 866

F
Fan, S.T.: Major Hepatectomy for Hepatocellular Carcinoma Associated with Cirrhosis, S23
Farnebo, L.O.: see Sandelin et al., 594
Favia, G., Boscaro, M., Lumachi, F., D'Amico, D.F.: Role of Bilateral Adrenalectomy in Cushing's Disease, 462
Ferzoco, S.J.: Blood Transfusion in the Pathogenesis of Ileal Pouchitis, S42
Feunteun, J.: see Lynch et al., 21
Fielding, G.A.: see Miller et al., 906
Finley, R.J.: see Gelfand and Finley, 399
Fiocca, F.: Laparoscopic Cholecystectomy and Intraoperative ERCP with Endoscopic Sphincterotomy: The New Gold Standard, S51
Fiocca, F.: Nonsurgical Treatment of Difficult Biliary Stones, S51
Fisher, B., Anderson, S.: Conservative Surgery for the Management of Invasive and Noninvasive Carcinoma of the Breast: NSABP Trials, 63
Fitzgibbons, R., Jr.: see Lynch et al., 21
Flores, J.: see Längle et al., 583
Fok, M., Law, S.Y.K., Wong, J.: Operable Esophageal Carcinoma: Current Results from Hong Kong, 355
Fok, M.: see Law et al., 339
Fonkalsrud, E.W.: Experience with Restorative Protocolectomy in 100 Children, S16
Franco, D.: see Elcheroth et al., 240
Frasci, G.: Carboplatin (CBDCA) and Oral Etoposide (VP-16) in Locally Advanced or Metastatic Gastric Cancer: A Phase II Study, S56

Frilling, A., Röher, H.-D., Ponder, B.A.J.: Presymptomatic Screening for Medullary Thyroid Carcinoma in Patients with Multiple Endocrine Neoplasia Type 2A, 577
Frykberg, E.R., Bland, K.I.: Management of In Situ and Minimally Invasive Breast Carcinoma, 45
Fujimura, T.: Treatment Strategy of Borrmann Type 4 Gastric Cancer, S67
Fujimura, T., Yonemura, Y., Muraoka, K., Takamura, H., Hirono, Y., Sahara, H., Ninomiya, I., Matsumoto, H., Tsugawa, K., Nishimura, G.-I., Sugiyama, K., Miwa, K., Miyazaki, I.: Continuous Hyperthermic Peritoneal Perfusion for the Prevention of Peritoneal Recurrence of Gastric Cancer: Randomized Controlled Study, 150
Fujita, H., Kakegawa, T., Yamana, H., Shima, I., Tanaka, H., Ikeda, S., Nogami, S., Toh, Y.: Lymph Node Metastasis and Recurrence in Patients with a Carcinoma of the Thoracic Esophagus Who Underwent Three-Field Dissection, 266
Fulton, N.C.: see Yashiro et al., 455

G
Galimberti, V.: see Veronesi et al., 70
Garcia, S.: see Henry et al., 529
Garden, O.J.: see Greig et al., 176
Gasparri, G.: Pharyngolaryngoesophagectomy: Analysis of 22 Cases, S16
Gelfand, G.A.J., Finley, R.J.: Quality of Life with Carcinoma of the Esophagus, 399
Gerdin, B.: see Lepistö et al., 818
Gimm, O.: see Scheumann et al., 559
Girardi, L.: see Altorki et al., 308
Godbole, R.V.: Surgery in Tropical Splenomegaly Syndrome, S14
Gomez, N.A.: see Leon et al., 292
Gonçalves, M.E.P.: see Maksoud and Gonçalves, 251
Gordon, R.L.: see Radosevich et al., 785
Gorelev, V.: see Simon et al., 535
Goretzki, P.E.: see Demeure et al., 569
Goretzki, P.E.: see Simon et al., 535
Gough, D.B., Thompson, G.B., Crotty, T.B., Donohue, J.H., Kvols, L.K., Carney, J.A., Grant, C.S., Nagorney, D.M.: Diverse Clinical and Pathologic Features of Gastric Carcinoid and the Relevance of Hypergastrinemia, 473
Grant, C.S.: Commentary, 610
Grant, C.S.: see Gough et al., 473
Grant, C.S.: see O'Riordain et al., 488
Grasso, E.: Role of ERCP in Biliary Surgery: Evaluation of 193 Patients Treated, S52
Greenberg, J.: Unusual Cystic Lesions in and Around the Pancreas, S46
Greger, B., Rothmund, M.: Commentary, 486
Greig, J.D., Garden, O.J., Carter, D.C.: Prophylactic Treatment of Patients with Esophageal Varices: Is It Ever Indicated? 176
Greig, P.D.: see Dagenais et al., 222
Grossman, R.F., Clark, O.H.: Commentary, 460
Grossman, R.F.: see Tezelman et al., 522
Gürler, A.: see Kuzu et al., 948

H
Haba, Y.: Thromboxane A_2 Receptor Antagonist Has Cytoprotective Effect on Cholestatis and Ischemia-Reperfusion Injury in the Dog Liver, S37
Habu, H.: see Takeshita et al., 428
Hamamoto, I., Hossain, M.A., Okada, S., Wakabayashi, H., Maeba, T., Tanaka, S.: Basic Study on Hepatic Resection Under Partial Perfusion Cooling, 834
Hamberger, B.: Commentary, 534
Hamming, J.: see de Roy van Zuidewijn et al., 506
Hanamura, N.: see Komatsu et al., 921
Hansson, L.: see Malmros et al., 811
Hanyu, F.: see Ide et al., 321
Hara, H.: see Yashiro et al., 455
Harada, T., Shimaoka, K., Katagiri, M., Shimizu, M., Hosoda, Y., Ito, K.: Rarity of Squamous Cell Carcinoma of the Thyroid: Autopsy Review, 542
Harada, T.: see Ohta et al., 625
Haraguchi, Y.: Energy Metabolism in Patients of Gastrointestinal Disease with Serious Condition, S66
Harder, F.: see Mueller et al., 406
Hashimoto, M.: Uneven Fractionation Radiotherapy Combined with Chemotherapy for Esophageal Cancer, S62
Hashizume, M.: see Ohta et al., 764
Hasse, C., Schrezenmeir, J., Stinner, B., Schark, C., Wagner, P.K., Neumann, K., Rothmund, M.: Successful Allotransplantation of Microencapsulated Parathyroids in Rats, 630
Hatakeyama, K.: Clinical Outcome and Neorectoanal Function After Restorative Protocolectomy with Ileal W Pouch, S70
Hatanaka, N.: see Kamiike et al., 879
Haubruck, H.: see Simon et al., 535
Hauser, H.: see Mischinger et al., 852
Hayakawa, N.: see Kin et al., 143
Hayashi, K.: see Ide et al., 321
Haybittle, J.L.: see Houghton et al., 117
Heimbucher, J.: Laparoscopic vs. Open Fundoplication: A Prospective Comparison of Results, S40
Henderson, A.: see Miller et al., 906
Henderson, I.C.: see Wong and Henderson, 98
Henderson, J.M.: Role of Distal Splenorenal Shunt for Long-Term Management of Variceal Bleeding, 205
Hennessy, T.P.J.: Lymph Node Dissection, 367
Henry, J.-F., Denizot, A., Porcelli, A., Villafane, M., Zoro, P., Garcia, S., De Micco, C.: Thyroperoxidase Immunodetection for the Diagnosis of Malignancy on Fine-Needle Aspiration of Thyroid Nodules, 529
Herberman, R.B.: Letter to the Editor, 442
Herrmann, M.E.: Commentary, 540
Higashino, M.: Results of Surgical Treatment for Esophageal Cancer: Effects of Extended Lymphadenectomy, S28
Hiller, W.: see Proye et al., 467
Hirata, T.: In Vivo Monitoring of Hydroxzyl Free Radical in the Ischemic-Reperfused Intestinum Jejunum by Dialysis Technique, S62
Hirayama, R.: Biological Markers of Growth, Metastasis and Prognosis of Gastric Cancer, S63
Hirohashi, K.: Tumor Growth and Surgical Treatment of Cholangiocarcinoma, S28
Hirono, Y.: see Fujimura et al., 150
Hiura, A.: The Evaluation of Special Treatment of Severe Acute Pancreatitis According to the Cooperative National Survey in Japan, S24
Hölscher, A.H., Dittler, H.J., Siewert, J.R.: Staging of Squamous Esophageal Cancer: Accuracy and Value, 312
Holst, E.: see Malmros et al., 811
Honda, M.: Prognostic Factors of Colorectal Cancer with Invasion of Muscularis Propria, S25
Hopkins, J.A., Wilson, S.E., Bobey, D.G.: Adjunctive Antimicrobial Therapy for Complicated Appendicitis: Bacterial Overkill by Combination Therapy, 933
Hörandner, H.: see Niederle and Hörandner, 628
Horikawa, M., Nakajima, Y., Kido, K., Ko, S., Ohashi, K., Nakano, H.: Simple Method of Hyperthermo-Chemo-Hypoxic Isolated Liver Perfusion for Hepatic Metastases, 840
Hosada, Y.: see Harada et al., 542
Hossain, M.A.: see Hamamoto et al., 834
Houghton, J., Baum, M., Haybittle, J.L.: Role of Radiotherapy Following Total Mastectomy in Patients with Early Breast Cancer, 117
Huang, G.J.: see Zhang et al., 347

Hubens, A., Van Hee, R.: Surgical Training in Statutory Health Insurance System: Belgian Experience, 667
Huber, E.: see Längle et al., 583
Hundeshagen, H.: see Scheumann et al., 559

I
Ichikawa, W.: Relationship between Expression of NDP Kinase and Metastatic Potential in Human Colon Cancer, S63
Ide, H., Nakamura, T., Hayashi, K., Endo, T., Kobayashi, A., Eguchi, R., Hanyu, F.: Esophageal Squamous Cell Carcinoma: Pathology and Prognosis, 321
Idezuki, Y., Kokudo, N., Sanjo, K., Bandai, Y.: Sugiura Procedure for Management of Variceal Bleeding in Japan, 216
Ikeda, S.: see Fujita et al., 266
Imada, T.: Clinical Significance of DNA Ploidy Pattern and Proliferative Labeling Index by K1-67 in Gastric Cancer, S30
Imada, T.: Evaluation of Gallbladder Function After Gastrectomy in Patients with Gastric Cancer, S30
Iñiguez, S.A.: see Leon et al., 292
Isa, T.: Clinical Experience of 40 Patients with Splenic Trauma, S56
Ishii, Y.: A New Endoscopic Hemostasis Using Gelatin Solution, S25
Ishimoto, K.; Preoperative Staging by Endoscopic Ultrasonography on Indication on Indication of Intrapelvic Lymphadenectomy for Rectal Cancer, S65
Ito, K.: see Harada et al., 542
Ito, K.: see Ozaki et al., 518
Ito, N.: see Komatsu et al., 921
Itoh, N.: see Shingu et al., 500
Itoh, T.: see Kamiike et al., 879
Iwabuchi, H.: see Ozaki et al., 518
Iwasaki, Y.: Epstein-Barr Virus (EBV) Associated Medullary and Poorly Differentiated Adenocarcinoma of the Stomach, S63
Iwase, K.: Effect of Pneumoperitoneum on Interatrial Pressure Gradient (PG) During Laparoscopic Cholecystectomy (LC), S22
Iwase, K.: see Tanaka et al., 896
Iwase, K.: Thoracic Esophagectomy for Lower Esophageal Cancer Through Left Oblique Thoracolaparotomy and Right Posterolateral Thoracotomy, S23
Izbicki, J.R.: Comparison of Two Techniques of Duodenum Preserving Resection of the Head of the Pancreas in Chronic Pancreatitis, S29
Izukura, M.: see Kamiike et al., 879
Izumi, K.: Analysis of Resected Esophageal Cancer Patients with History of Apoplexy, S30
Izutani, R.: Enhanced Expression of Manganous Superoxide Dismutase mRNA and Increased TNF-α mRNA Expression by Gastric Mucosa in Gastric Cancer, S14

J
Jahl, G.: see Längle et al., 583
Jakimowicz, J.J.: Commentary, 426
Jan, H.C.: Retroperitoneal Malignant Schwannoma an Roentgenographic and Histopathologic Study, S60
Jan, Y.-Y.: Cholangiocarcinoma Occurring in Postoperative Follow-up Study of Hepatolithiasis, S23
Jansson, S.: see Nilsson et al., 605
Jansson, S.: see Proye et al., 467
Jeans, P.L.: see Cox et al., 422
Jeng, K.S., Chen, B.F., Lin, H.J.: En Bloc Resection for Extensive Hepatocellular Carcinoma: Is It Advisable? 845
Jensen, R.A.: see Page and Jensen, 32
Jeppson, B.: see Bengmark and Jeppson, 707
Jin, G.: see Rikkers and Jin, 193
Johansson, K., Ander, S., Lennquist, S., Smeds, S.: Human Parathyroid Blood Supply Determined by Laser-Doppler Flowmetry, 417
Jordan, P.H., Jr.: Commentary, 409
Juhlin, C.: see Makridis et al., 481
Juhlin, C.: see Öhrvall et al., 612

K
Kaji, M.: Analysis of *c-met* Gene in Gastric Cancer, S67
Kakegawa, T.: see Fujita et al., 266
Kakegawa, T.: see Yamashita et al., 279
Kamakura, T.: see Ohta et al., 764
Kamiike, W., Miyata, M., Izukura, M., Itoh, T., Nezu, R., Nakamuro, M., Hatanaka, N., Shimizu, S., Takahashi, T., Shimazaki, Y., Nakano, S., Matsuda, H.: Simultaneous Surgery for Coronary Artery Disease and Gastric Cancer, 879
Kamiya, J.: see Kin et al., 143
Kanai, M.: see Kin et al., 143
Kaneko, H.: see Konno et al., 944
Kaneko, S.: see Komatsu et al., 921
Kaplan, E.L.: see DeGroot et al., 123
Kaplan, E.L.: see Yashiro et al., 455
Kapoor, V.K.: Carcinoma of the Gallbladder: Pick It Up When It Is "Benign," S21
Kapoor, V.K.: "Nontubercular" Gastrointestinal Tuberculosis, S21
Kareem, W.: Laparoscopic Cholecystectomy vs Mini-Lap Cholecystectomy: A Comparison Study, S42
Kasano, Y.: Inferior Vena Cava Resection at Gastroenterological Surgery, S64
Kaserer, K.: see Längle et al., 583
Kashiwagi, H.: Trends of Peptic Ulcer Surgeries in Japan After the Introduction of H2-Receptor Antagonists, S35
Katagiri, M.: see Harada et al., 542
Katagiri, M.: see Ohta et al., 625
Katagiri, Y.: Effect of Carbon Dioxide on Portal Vein Resistance During the Portal Vein Arterialization, S47
Katayama, M.: Oncogenes and Tumor Suppressor Gene in Esophageal Carcinoma, S45
Kato, R.: see Shingu et al., 500
Katsikas, D.: see Safioleas et al., 859
Kawahara, K., Akamine, S., Tsuji, H., Nakamura, A., Takahashi, T., Tagawa, Y., Ayabe, H., Tomita, M.: Bronchoplastic Procedures for Lung Cancer: Clinical Study in 136 Patients, 822
Kawai, C.: Role of Intraoperative Ultrasonography During Laparoscopic Cholecystectomy: A Prospective Study, S47
Kawamoto, H.: see Noguchi et al., 552
Kawamoto, S.: see Tanaka et al., 896
Kawano, M.: see Ozaki et al., 518
Keeffe, E.B.: see Menegaux et al., 866
Ker, C.G.: Percutaneous Postoperative Choledochoscopic Lithotripsy for Residual Biliary Stones, S71
Kerkar, P.G.: see Apte and Kerkar, 687
Kestens, P.J.: Biliary Tract Injury (B.T.I.) During Laparoscopic Cholectstectomy (L.C.) in Belgium: Results of a Multicentric Anonymous Study, S13
Khandelwal, C.: Palliative Gastrectomy, S45
Khandelwal, C.: Surgical Experience of Choledochal Cyst, S44
Kido, K.: see Horikawa et al., 840
Kido, T.: see Tanaka et al., 896
Kievit, J.: see de Roy van Zuidewijn et al., 506
Kim, C.B.: Granular Cell Tumor of the Esophagus, S59
Kim, J.-P., Kim, Y.-W., Yang, H.-K., Noh, D.-Y.: Significant Prognostic Factors by Multivariate Analysis of 3926 Gastric Cancer Patients, 872
Kim, J.-P.: Commentary, 432
Kim, K.H.: Idiopathic Eosinophilic Gastroenteritis in Korea (Report of 90 Collective Cases), S15
Kim, Y.-W.: see Kim et al., 872
Kin, Y., Nimura, Y., Hayakawa, N, Kamiya, J., Kondo, S., Nagino, M., Miyachi, M., Kanai, M.: Doppler Analysis of Hepatic Blood Flow

Predicts Liver Dysfunction after Major Hepatectomy, 143
Kinne, D.W.: see Moore and Kinne, 58
Kiparissis, I.X.: Laparoscopic Enteroscopy, S12
Kitamura, M.: Newly Designed Multimodality Treatment for Esophageal Cancer, S30
Kitamura, M.: Treatment for Recurrence of Carcinoma of the Esophagus, S31
Kitamura, Y.: see Ozaki et al., 518
Kitano, S.: see Ohta et al., 764
Ko, S.: see Horikawa et al., 840
Kobayashi, A.: see Ide et al., 321
Kobayashi, S.: see Komatsu et al., 921
Koda, K.: Inhibition of Invasive Capacity of Colon Carcinoma Cells by Human Monoclonal Antibody, S38
Koga, H.: Pancreatoduodenal Resection in the Elderly, S56
Kogure, K.: The Patterns of the Changes in Plasma Uric Acid Values During Hepatectomy, S13
Kojima, K.: Treatment of Gastric Cancer with 5′-Doxifluridine, Cisplatin, and Mitomycin C Combination Therapy, S64
Köksoy, C.: see Kuzu et al., 948
Kokudo, N.: see Idezuki et al., 216
Koller-Strametz, J.: see Längle et al., 619
Komatsu, M., Tsuchiya, S., Matsuyama, I., Kaneko, S., Suzuki, Y., Ito, N., Hanamura, N., Seki, T., Kobayashi, S., Kuroda, T.: Expression of Basic Fibroblast Growth Factor in Hyperplastic Parathyroid Glands from Patients with Multiple Endocrine Neoplasia Type I, 921
Komi, N.: Does the Pancreatic Duct of Choledochal Cyst in the Adult Terminate at the Papilla of Vater?, S20
Kondo, S.: see Kin et al., 143
Konno, H., Kaneko, H., Maruo, Y., Tatuo, T., Nobuhiko, N., Nakamura, S., Baba, S.: Prevention of Gastric Ulcer or Acute Gastric Mucosal Lesions Accompanying Bleeding After Abdominal Aortic Aneurysm Surgery, 944
Kontic, M.: Primary Colon Resection During Closed Loop Obstruction Due to Carcinoma, S15
Koto, K.: see Tanaka et al., 896
Krämling, H.J.: Laparoscopic Surgery for Gallstone Disease in Germany: Development and Results 1991–1993, S53
Krige, J.E.J.: see Terblanche et al., 185
Kulig, J.: Ultrasound Monitoring of Etoposide, Adriamycin, Cisplatin (EAP) Chemotherapy Effectiveness in the Treatment of Liver Metastases in Advanced Gastric Cancer, S55
Kuma, K., Matsuzuka, F., Yokozawa, T., Miyauchi, A., Sugawara, M.: Fate of Untreated Benign Thyroid Nodules: Results of Long-Term Follow-up, 495
Kunisaki, C.: Recurrence After Gastrectomy for the Early Gastric Cancer, S37
Kuo, K.K: Choledocholithiasis and Bile Duct Dysplasia Occurred in Rats After Choledochoduodenostomy, S70
Kuroda, T.: Is Gastrin Released from Parathyroid Gland in Primary Hyperparathyroidism? S48
Kuroda, T.: see Komatsu et al., 921
Kurohiji, T.: see Yamashita et al., 279
Kurosaki, I.: The Mode of Lymphatic Spread in the Biliary Tract Cancers, S68
Kuzu, M.A., Özaslan, C., Köksoy, C., Gürler, A., Tüzüner, A.: Vascular Involvement in Behçet's Disease: 8-Year Audit, 948
Kvols, L.K.: see Gough et al., 473
Kwon, S.J.: Prognostic Significance of Lymph Node Metastasis in Carcinoma of the Stomach, S21

L

Laato, M.: see Lepistö et al., 818
LaBerge, J.M.: see Radosevich et al., 785
Lai, F.M.: Video-Assisted Laparoscopy Utilized in Abdominal Trauma, S26
Lamadé, W.: Hepatic Reresection for Recurrent Liver Metastases from Colorectal Cancer, S49
Landen, S.: Hepatocellular Carcinoma in Genetic Hemochromatosis, S17
Landen, S.: Rare Periampullary Tumors, S18
Lang, H.: see Ringe et al., 233
Langer, B.: see Dagenais et al., 222
Langer, B.: Treatment of Portal Hypertension 1994: State of the Art—Introduction, 169
Längle, F., Abela, C., Koller-Strametz, J., Mittelböck, M., Bergler-Klein, J., Stefenelli, T., Woloszczuk, W., Niederle, B.: Primary Hyperparathyroidism and the Heart: Cardiac Abnormalities Correlated to Clinical and Biochemical Data, 619
Längle, F., Soliman, T., Neuhold, N., Widhalm, G., Niederle, B., Roka, S., Kaserer, K., Blauensteiner, W., Dam, K., Clodi, M., Flores, J., Loidl, A., Schwarzlmüller, B., Huber, E., Jahl, G., Wamprechtshammer, K., Roka, R., Study Group of Multiple Endocrine Neoplasia of Austria: CD15 (LeuM1) Immunoreactivity: Prognostic Factor for Sporadic and Hereditary Medullary Thyroid Cancer?, 583
Larsen, S.: see Reiertsen et al., 411
Lau, P.W.K.: see Lorentz et al., 547
Lauder, I.J.: see Lorentz et al., 547
Launois, B.: Commentary, 784
Launois, B.: Curative Surgical Management of Klatskin Tumors: The Place of Liver Resection, S18
Launois, B.: Five-Year Survival Following Resection for Oesophageal Cancer in 733 Patients, S18
Launois, B.: Laparoscopic Colectomy: Review of 144 Procedures, S19
Law, S.Y.K., Fok, M., Wong, J.: Risk Analysis in Resection of Squamous Cell Carcinoma of the Esophagus, 339
Law, S.Y.K.: see Fok et al., 355
Law, W.L.: see Lorentz et al., 547
Lean, C.L.: see Delbridge et al., 512
Lebrec, D.: Long-Term Management of Variceal Bleeding: The Place of Pharmacotherapy, 229
Lee, W.J. Phase II Trial of Intra-Peritoneal Hyperthermo-Chemotherapy in Patients with Resected Gastric Cancer, S45
Lee, W.J.: Risk Factors of Hepatectomy in the 1990s, S46
Leffler, C.W.: see Van Voorst et al., 939
Lennquist, S.: see Johansson et al., 417
Lenoir, G.: see Lynch et al., 21
Leo, E.: Total Rectal Resection, Colo-anal Anastomosis and "J" Reservoir in Lower Third Rectal Cancer, S71
Leon, C.J., Gomez, N.A., Iñiguez, S.A.: Letter to the Editor, 292
Lepistö, J., Laato, M., Niinikoski, J., Lundberg, C., Gerdin, B.: Stimulation of Wound Healing by the Immunomodulator LS-2616 (Linomide), 818
Lerut, T.E., de Leyn, P., Coosemans, W., Van Raemdonck, D., Cuypers, Ph., Van Cleynenbreughel, B.: Advanced Esophageal Carcinoma, 379
Levi, J.: Pancreaticoduodenectomy in the Elderly, S12
Lewkow, V.E.: see Pories et al., 745
Lin, E.Y., Brunicardi, F.C.: HIV Infection and Surgeons, 753
Lin, H.J.: see Jeng et al., 845
Lindsay, G.: see Taylor et al., 926
Lindstedt, G.: see Nilsson et al., 605
Lippi, F.: see Pacini et al., 600
Lippmann, M.E.: see El-Ashry and Lippmann, 12
Little, J.M.: Commentary, 149
Liu, C.D.: Cholecystokinin Mediates Colonic Absorption, S40
Liu, H.P.: Video-Assisted Thoracic Esophagectomy and Reconstruction, S12
Liu, S.Y.: Routine Endoscopic Retrograde Cholangiopancreaticography in Laparoscopic Cholecystectomy, S61

Liu, T.J.: Cholelithiasis and Cholecystitis After Gastrectomy for Gastric Cancer—A Comparison of Different Extent of Lymphadenectomy, S44
Liu, T.J.: Reappraisal of Transcatheter Arterial Embolization for a Resectable Large Hepatocellular Carcinoma, S44
Liu, X.Y.: see Zhang et al., 347
Ljunghall, S.: see Ohrvall et al., 612
Lo, C.Y.: see Lorentz et al., 547
Loidl, A.: see Längle et al., 583
Lorentz, T.G., Lau, P.W.K., Lo, C.Y., Law, W.L., Wan, K.Y., Lauder, I.J.: Multivariate Analysis of Risk Factors Influencing Survival in 110 Ethnic Chinese with Papillary Thyroid Cancer, 547
Lozac'h, P.: Fistulae After Ivor-Lewis Esophagectomy for Cancer, S43
Lucandri, G.: see Stipa et al., 200
Luini, A.: see Veronesi et al., 70
Lumachi, F.: see Favia et al., 462
Lundberg, C.: see Lepistö et al., 818
Lundberg, P.-A.: see Nilsson et al., 605
Lundgren, E.: see Öhrvall et al., 612
Lynch, H.T., Lynch, J., Conway, T., Watson, P., Feunteun, J., Lenoir, G., Narod, S., Fitzgibbons, R., Jr.: Hereditary Breast Cancer and Family Cancer Syndromes, 21
Lynch, J.: see Lynch et al., 21
Lyons, J.: see Simon et al., 535

M

Madureira, M.L.C.: Adult Pancreatic Tissue Fate After Pancreatic Fragment Autotransplantation into the Spleen of the Pancreatectomized Dog, 259
Maeba, T.: see Hamamoto et al., 834
Maeo, Y.: A Case Report of Long-Term Survival in a Patient with Unresectable Esophageal Cancer, S54
Mai, M.: Management of Patients with Invasive Carcinoma into Submucosal Layer of the Colon and Rectum; Current Concept and Controversies, S31
Mai, M.: Prediction of Metastasis After Curative Surgery in Patients with Advanced Gastric Cancer and Its Prophylactic Treatment by Type Oriented Chemotherapy, S31
Maijub, A.G.: see Van Voorst et al., 939
Makridis, C., Juhlin, C., Åkerström, G., Öberg, K., Rastad, J.: MHC Class I and II Antigen Expression and Interferon α Treatment of Human Midgut Carcinoid Tumors, 481
Maksoud, J.G., Gonçalves, M.E.P.: Treatment of Portal Hypertension in Children, 251
Malmros, C., Holst, E., Hansson, L., Mårtensson, L., Thörne, J.: Dynamic Accumulation of Neutrophils in Lungs and Visceral Organs During Early Abdominal Sepsis in the Pig, 811
Manabe, T.: see Ohta et al., 625
Mancusi, F.: see Pacini et al., 600
Manti, C.: see Safioleas et al., 859
Mao, Y.S.: see Zhang et al., 347
Marshall, V.R.: see Prideaux and Marshall, 657
Mårtensson, L.: see Malmros et al., 811
Martino, E.: see Pacini et al., 600
Maruo, Y.: see Konno et al., 944
Maruyama, M.: see Takeshita et al., 428
Masuda, K.: Curative Endoscopic Mucosal for Early Gastric Cancer Using a Ligation Device (EMR-L), S60
Matoba, Y.: Perforated Gastroduodenal Ulcers Treated by Omental Implantation: Long-Term Results and Histological Study, S35
Matsuda, H.: see Kamiike et al., 879
Matsumoto, H.: see Fujimura et al., 150
Matsuo, S.: A Case of Nonfunctioning Islet Cell Tumor with Hyperammonemia and Hyperamylasemia, S66
Matsutomo, H.: An Experimental Study on Ischemic Injury with Two Types of Cirrhotic Liver in Rats: Drug-Induced and Fatty Liver Cirrhosis, S46
Matsuyama, I.: see Komatsu et al., 921
Matsuzuka, F.: see Kuma et al., 495
Matter, P.: see Wagner and Matter, 714
May, G.L.: see Delbridge et al., 512
Mazzaferri, E.L.: Commentary, 604
McCormick, P.A., Burroughs, A.K.: Relation Between Liver Pathology and Prognosis in Patients with Portal Hypertension, 171
Mendes de Almeida, A.C., Dos Santos, N.M., Aldeia, F.J.: Total Gastrectomy for Cancer: Is Reconstruction or a Gastric Replacement Reservoir Essential? 883
Mendes de Almeida, J.C., Bettencourt, A., Santos Costa, C., Mendes de Almeida, J.M.: Curative Surgery for Gastric Cancer: Study of 166 Consecutive Patients, 889
Mendes de Almeida, J.M.: see Mendes de Almeida et al., 889
Menegaux, F., Baker, E., Keeffe, E.B., Monge, H., Egawa, H., Esquivel, C.O.: Impact of Transjugular Intrahepatic Portosystemic Shunt on Orthotopic Liver Transplantation, 866
Meng, P.J.: see Zhang et al., 347
Mercado, M.A.: see Orozco et al., 246
Mercer, C.D.: Enteral Feeding in Esophageal Cancer Surgery, S43
Mercer, C.D.: Has Omeprazole Utilization Influenced Antireflux Surgery, S43
Meunier, B.: Resection Versus Transplantation for Hepatocellular Carcinoma Associated with Liver Disease, S19
Meunier, B.: Risk Factors of Late Biliary Complications in Liver Transplantation, S18
Meyer, B.: see Mueller et al., 406
Meyer, C., Rohr, S., de Manzini, N., Dai, B.: Reliable Procedure for Closing the Duodenal Stump for Bleeding Posterior Duodenal Ulcer, 286
Miccoli, P.: see Pacini et al., 600
Mikhail, N.E.: Serum Procollagen Type III Peptide (P III P) in Systemic and Portal Blood in Chronic Liver Disease, S43
Milheiro, A.: Surgical Stress in Cholecystectomy Open Versus Laparoscopic Cholecystectomy, S14
Miller, B.J., Henderson, A., Strong, R.W., Fielding, G.A., DiMarco, A.M., O'Loughlin, B.S.: Necrotizing Pancreatitis: Operating for Life, 906
Milson, J.W.: Laparoscopic Oncologic Right Colectomy with Intraperitoneal Anastomosis in a Cadaver Model, S33
Mimura, T.: see Ozaki et al., 518
Mischinger, H.-J., Hauser, H., Rabl, H., Quehenberger, F., Werkgartner, G., Rubin, R., Deu, E.: Pyogenic Liver Abscess: Studies of Therapy and Analysis of Risk Factors, 852
Misiakos, E.: see Safioleas et al., 859
Misiuna, P.: Postoperative Complications and Immunologic State Following Surgery for Oesophageal Cancer, S19
Mittelböck, M.: see Längle et al., 619
Miura, T.: Laparoscopic Partial Gastrectomies Using Plastic T-Fasteners for Lifting Gastric Wall, S62
Miwa, K.: see Fujimura et al., 150
Miyachi, M.: see Kin et al., 143
Miyaji, M.: Clinical Significance of Serum Gastrin Values in Gastric Cancer Patients, S35
Miyata, M.: see Kamiike et al., 879
Miyauchi, A.: see Kuma et al., 495
Miyazaki, I.: see Fujimura et al., 150
Mizumoto, R.: see Ogura et al., 778
Monge, H.: see Menegaux et al., 866
Monma, K.: Analysis of the Joining Types of the Cystic Duct to the Common Bile Duct Using Three-Dimensional Imaging with Helical CT, S34
Moore, M.P., Kinne, D.W.: Patient Selection Criteria for Conservation Surgery Versus Mastectomy: Memorial Hospital Breast Service Experience, 58
Moreno Azcoita, M.: Loss of Heterozygosity of the APC Gene in Sporadic Colorectal Adenocarcinomas, S55
Moreno-Sanz, C.: Acute Abdomen in Patients with HIV Infection, S66

Moreno-Sanz, C.: The Prognosis of Surgically Treated Tumors of the Appendix, S65
Mori, S.: see Nishihira et al., 388
Moriwaki, Y.: Prognostic Sign for the Gastric Cancer Patient Who Survives for More Than 5 Years After Gastrectomy, S68
Morris, A.: see Pories et al., 745
Morris, D.L.: see Cozzi et al., 774
Mountford, C.E.: see Delbridge et al., 512
Mueller, X., Rothenbuehler, J.-M., Amery, A., Meyer, B., Harder, F.: Outcome of Peptic Ulcer Hemorrhage Treated According to a Defined Approach, 406
Müller, R.: see Apffelstaedt and Müller, 917
Murakami, H.: see Tanaka et al., 635
Murakami, N.: see Noguchi et al., 552
Muraoka, K.: see Fujimura et al., 150
Murley, R.: Letter to the Editor, 290

N

Nagahama, T.: Comparative Study of Perioperative Nutritional Support for Patients with Esophageal Cancer Using Enteral Nutrition and Total Parenteral Nutrition, S35
Nagai, H.: Pancreatoduodenectomy with Preservation of the Pylorus and the Gastroduodenal Artery, S38
Nagino, M.: see Kin et al., 143
Nagorney, D.M.: see Gough et al., 473
Nakadaira, K.: Cholangitis Developed in Pregnancy After Biliary Reconstruction for Choledochal Cyst, S39
Nakai, T.: Effects of Intrahepatic Arterial Infusion of Prostaglandin E_1 of Hepatic Hemodynamic and Oxygen Metabolism, S65
Nakajima, Y.: see Horikawa et al., 840
Nakamura, A.: see Kawahara et al., 822
Nakamura, A.T.: Prediction of Peritoneal Recurrence by Levels of CEA and T-Plasminogen Activator in the Abdominal Cavity, S26
Nakamura, J.: Diagnosis and Treatment of Spontaneous Intra-Abdominal Mesenteric Desmoid Tumor, S41
Nakamura, S.: see Konno et al., 944
Nakamura, T.: see Ide et al., 321
Nakamuro, M.: see Kamiike et al., 879
Nakano, H.: see Horikawa et al., 840
Nakano, S.: see Kamiike et al., 879
Nakano, T.: see Nishihira et al., 388
Nakao, K.: Intraoperative Biopsy and Postoperative Survival in Cholangiocarcinoma, S48
Nakata, Y.: Estimation of Safe Limits of Hepatic Resection in Patients with Liver Cirrhosis, S61
Naritaka, Y.: Clinical Usefulness of Transjugular Intrahepatic Portosystemic Shunt and Its Effects on Systemic Hemodynamics, S67
Narod, S.: see Lynch et al., 21
Neonakis, E., Thomas, G.A., Davies, H.G., Wheeler, M.H., Williams, E.D.: Expression of Calcitonin and Somatostatin Peptide and mRNA in Medullary Thyroid Carcinoma, 588
Neuhold, N.: see Längle et al., 583
Neumann, K.: see Hasse et al., 630
Nezu, R.: see Kamiike et al., 879
Niederle, B., Hörandner, H.: Commentary, 628
Niederle, B.: see Längle et al., 583, 619
Niinikoski, J.: see Lepistö et al., 818
Nijs, H.G.T.: see Plaisier et al., 769
Nilsson, B.E., Tisell, L.-E., Jansson, S., Zackrisson, B.-F., Lindstedt, G., Lundberg, P.-A.: Parathyroid Localization by Catheterization of Large Cervical and Mediastinal Veins to Determine Serum Concentrations of Intact Parathyroid Hormone, 605
Nimura, Y.: see Kin et al., 143
Ninomiya, I.: see Fujimura et al., 150
Nishihira, T., Nakano, T., Mori, S.: Adjuvant Therapies for Cancer of the Thoracic Esophagus, 388
Nishimura, G.-I.: see Fujimura et al., 150
Nobuhiko, N.: see Konno et al., 944
Noce, R.: Choledocoduodenostomy for Benign Biliary Diseases in Old Age, S12
Nogami, S.: see Fujita et al., 266
Noguchi, S., Murakami, N., Kawamoto, H.: Classification of Papillary Cancer of the Thyroid Based on Prognosis, 552
Noh, D.-Y.: see Kim et al., 872
Nordlinger, B., Ségouin, C., Parc, R.: Health Care Delivery System in France: Effects on Surgical Education, 681
Nyhus, L.M.: Commentary, 288
Nyhus, L.M.: From Kocher to Allgöwer: The International Society of Surgery/ La Société Internationale de Chirurgie, 807

O

O'Brien, T.: see O'Riordain et al., 488
O'Loughlin, B.S.: see Miller et al., 906
O'Riordain, D.S., O'Brien, T., van Heerden, J.A., Service, F.J., Grant, C.S.: Surgical Management of Insulinoma Associated with Multiple Endocrine Neoplasia Type I, 488
Oah, N.-K.: A New Restorative Proctocolectomy of Ulcerative Colitis or Familial Polyposis Coli: Ileocecal Sphincter Preservation and Abdomino-Preanal Extrasphincteric Proctocolectomy, S48
Oah, N.-K.: A New Restorative Resection of Low Rectal Cancer: Abdomino-Preanal Extrasphincteric Resection of Rectum, S39
Obara, T.: see Tanaka et al., 635
Obara, T.: see Yashiro et al., 455
Öberg, K.: see Makridis et al., 481
Odaka, A.: Urinary Tripsin Inhibitor (UTI) Levels in Patients Undergoing Gastroenterological Surgery, S59
Ogawa, K.: Relation of Gastric Cancer Metastasis with Type IV Collagenase, TIMP and NM23, S67
Ogawa, K.: Studies on the Effects of Postoperative Adjuvant Immunotherapy with OK-432 on Advanced Gastric Cancer, S66
Ogawa, N.: see Tanaka et al., 896
Ogura, Y., Takahashi, K., Tabata, M., Mizumoto, R.: Clinicopathological Study on Carcinoma of the Extrahepatic Bile Duct with Special Focus on Cancer Invasion on the Surgical Margins, 778
Ohashi, K.: see Horikawa et al., 840
Ohnishi, H.: Clinical Significance of Bile Acid Tolerance Test for Preoperative Estimation of Functional Reserve of Liver in Hepatic Resection, S64
Öhrvall, U., Åkerström, G., Ljunghall, S., Lundgren, E., Juhlin, C., Rastad, J.: Surgery for Sporadic Primary Hyperparathyroidism in the Elderly, 612
Ohta, K., Manabe, T., Katagiri, M., Harada, T.: Expression of Proliferating Cell Nuclear Antigens in Parathryoid Glands of Renal Hyperparathyroidism, 625
Ohta, M., Hashizume, M., Kamakura, T., Ueno, K., Tomikawa, M., Tanoue, K., Kitano, S., Sugimachi, K.: Endoscopic Injection Sclerotherapy for Esophageal Varices in the Elderly, 764
Okada, S.: see Hamamoto et al., 834
Okinaga, K.: CEA and CA19-9 Levels in Peritoneal Washings from Gastric Cancer Patients as a Prognostic Indicator, S39
Okuda, T.: Characteristic Histological Features of Human Hepatocellular Carcinoma with Mutant p53 Protein, S28
Omura, N.: Proximal Vagotomy on Intragastric pH of Duodenal Ulcer Patients, S23
Ono, E.: Functional Results Following Roux-en-Y Jejunal Pouch Reconstruction After Total Gastrectomy, S40
Ono, N.: see Tanaka et al., 896
Onoyama, H.: Surgical Treatment for Carcinoma of the Gallbladder, S14

Oosawa, H.: Arterial Embolization for the Post-Operative Bleeding After Abdominal Surgery, S47
Orozco, H., Takahashi, T., Mercado, M.A., Prado, E.: Surgical Management of Extrahepatic Portal Hypertension and Variceal Bleeding, 246
Osborne, M.P., Simmons, R.M.: Salvage Surgery for Recurrence after Breast Conservation, 93
Osteen, R.T.: Risk Factors and Management of Local Recurrence Following Breast Conservation Surgery, 76
Otani, Y.: Carcinoma of the Gastric Remnant: Clinicopathological Analysis and the Implication for Earlier Detection, S59
Otterson, M.F.: Contractile Mechanisms of the Gastrointestinal Morbidity of Cisplatinum, S20
Ozaki, O., Ito, K., Mimura, T., Sugino, K., Kitamura, Y., Iwabuchi, H., Kawano, M.: Thyroid Carcinoma after Radioactive Iodine Therapy for Graves' Disease, 518
Özaslan, C.: see Kuzu et al., 948

P

Pacini, F., Cetani, F., Miccoli, P., Mancusi, F., Ceccarelli, C., Lippi, F., Martino, E., Pinchera, A.: Outcome of 309 Patients with Metastatic Differentiated Thyroid Carcinoma Treated with Radioiodine, 600
Padbury, R.T.A.: see Cox et al., 422
Paganini, A.: Cholelithiasis and Choledocholithiasis: Single Stage Laparoscopic Treatment, S53
Page, D.L., Jensen, R.A.: Evaluation and Management of High Risk and Premalignant Lesions of the Breast, 32
Parc, R.: see Nordlinger et al., 681
Pasqualini, E.: Treatment of Pancreatic Fistulas with Octreotide, S56
Pate, J.W.: see Van Voorst et al., 939
Patel, A.G.: Role of Nitric Oxide in the Relationship Between Pancreatic Blood Flow and Secretion, S42
Patiño, J.F.: Commentary, 439
Patti, M.G.: Comparison of Medical and Minimally Invasive Surgical Therapy for Primary Esophageal Motility Disorders, S16
Paul, A., Troidl, H.: Commentary, 415
Peiper, C., Töns, C., Schippers, E., Busch, F., Schumpelick, V.: Local Versus General Anesthesia for Shouldice Repair of the Inguinal Hernia, 912
Peracchia, A.: see Bardini et al., 373
Pichlmayr, R.: see Ringe et al., 233
Pinchera, A.: see Pacini et al., 600
Pissiotis, C.: The Value of CEA and CA19-9 Levels in Systematic and Portal Venous Blood in Patients with Colorectal Cancer, S46
Plaisier, P.W., Berger, M.Y., van der Hul, R.L., Nijs, H.G.T., den Toom, R., Terpstra, O.T., Bruining, H.A.: Unexpected Difficulties in Randomizing Patients in a Surgical Trial: A Prospective Study Comparing Extracorporeal Shock Wave Lithotripsy with Open Cholecystectomy, 769
Ponder, B.A.J.: see Frilling et al., 577
Porcelli, A.: see Henry et al., 529
Pories, W.J., Smout, J.C., Morris, A., Lewkow, V.E.: U.S. Health Care Reform: Will It Change Postgraduate Surgical Education? 745
Prado, E.: see Orozco et al., 246
Prideaux, D.J., Marshall, V.R.: A "Common" Surgery Curriculum: Health Care Delivery and Undergraduate Surgical Education in Australian Teaching Hospitals, 657
Prinz, R.A.: Commentary, 510, 516
Prinz, R.A.: Immunostimulation with GCSF Decreases Secondary Sepsis in Acute Pancreatitis, S16
Proye, C.A.G., Vix, M., Jansson, S., Tisell, L.-E., Dralle, H., Hiller, W.: "The" Pheochromocytoma: A Benign, Intra-adrenal, Hypertensive, Sporadic Unilateral Tumor. Does It Exist?, 467

Q

Quehenberger, F.: see Mischinger et al., 852
Quer, X.: Anorectal Melanoma; Three Case Reports, S55

R

Rabl, H.: see Mischinger et al., 852
Radosevich, P.M., LaBerge, J.M., Gordon, R.L.: Current Status and Future Possibilities of Transjugular Intrahepatic Portosystemic Shunts in the Management of Portal Hypertension, 785
Ramesh, H.: Risk Factors for Mortality and Complications After Pancreaticoduodenectomy, S24
Ramesh, H.: Surgery for Klatskin Tumours: Results of an Aggressive Approach, S24
Rastad, J.: Commentary, 528, 599
Rastad, J.: see Makridis et al., 481
Rastad, J.: see Öhrvall et al., 612
Reeve, T.S.: see Delbridge et al., 512
Reiertsen, O., Trondsen, E., Bakka, A., Andersen, O.K., Larsen, S., Rosseland, A.R.: Prospective Nonrandomized Study of Conventional Versus Laparoscopic Appendectomy, 411
Reishaus, E.: see Simon et al., 535
Reissman, P., Durst, A.L., Rivkind, A., Szold, A., Ben-Chetrit, E.: Elective Laparoscopic Appendectomy in Patients with Familial Mediterranean Fever, 139
Rezaee, M.: see Demeure et al., 569
Reznick, R.K.: see Cohen et al., 672, 676
Rhodes, R.S.: Commentary, 757
Rieger, R., Sulzbacher, H., Woisetschläger, R., Schrenk, P., Wayand, W.: Selective Use of ERCP in Patients Undergoing Laparoscopic Cholecystectomy, 900
Rikkers, L.F., Jin, G.: Surgical Management of Acute Variceal Hemorrhage, 193
Ringe, B., Lang, H., Tusch, G., Pichlmayr, R.: Role of Liver Transplantation in Management of Esophageal Variceal Hemorrhage, 233
Rivkind, A.: see Reissman et al., 139
Robinson, D.C.: Unstimulated Pancreas Is Inhibited by Exogenous Peptide YY, S36
Roeher, H.D., Simon, D.: Commentary, 505
Röher, H.-D.: see Frilling et al., 577
Röher, H.-D.: see Simon et al., 535
Rohr, S.: see Meyer et al., 286
Roka, R.: see Längle et al., 583
Roka, S.: see Längle et al., 583
Roman, S.: see Delbridge et al., 512
Rosseland, A.R.: see Reiertsen et al., 411
Rothenbuehler, J.-M.: see Mueller et al., 406
Rothmund, M.: see Hasse et al., 630
Rubin, R.: see Mischinger et al., 852
Ruol, A.: see Bardini et al., 373
Russell, P.: see Delbridge et al., 512
Rustom, S.: see Van Voorst et al., 939
Rypins, E.B.: see Collins et al., 211

S

Saad, M.: see Barsoum et al., 273
Safioleas, M., Misiakos, E., Manti, C., Katsikas, D., Skalkeas, G.: Diagnostic Evaluation and Surgical Management of Hydatid Disease of the Liver, 859
Sahara, H.: see Fujimura et al., 150
Saito, N.: see Takeshita et al., 428
Sali, A.: Treatment of Rectal Problems Using Laparoscopic Instruments and the Operations Sigmoidoscope, S50
Sandelin, K., Tullgren, O., Farnebo, L.O.: Clinical Course of Metastatic Parathyroid Cancer, 594
Sando, K.: see Tanaka et al., 896
Sanjo, K.: see Idezuki et al., 216
Santos Costa, C.: see Mendes de Almeida et al., 889
Sarfeh, I.J.: see Collins et al., 211
Sasaki, M.: Effects of Intraportal PGE_1 Administration on 90-Minute Warm Ischemic Liver Damage in Dogs, S29
Satake, K.: Effects of a Bradykinin Antagonist on Bradykinin and Beta-Endorphin Release and Hypotension

During Experimental Acute Pancreatitis in Dog, S24
Satani, M.: see Tanaka et al., 896
Sato, M.: Hepatic Resection for Hepatolithiasis, S27
Sawyer, M.A.J.: Antibiotic Prophylaxis Delivery Route in Clean and Clean-Contaminated Surgical Wounds, S11
Sawyer, M.A.J.: Determination of Resting Energy Expenditure Using Pulmonary Artery Catheters, S42
Saxe, A.: Commentary, 641
Saxena, R.: Problems Requiring Regrafting After Liver Transplantation: An Analysis of 72 Patients with 96 Patients, S50
Saxena, R.: Serum Immunoglobulin and Complement Changes in Patients of Obstructive Jaundice Following Surgery, S50
Schark, C.: see Hasse et al., 630
Scherpbier, A.J.J.A.: see Zwierstra et al., 718
Scheumann, G.F.W., Gimm, O., Wegener, G., Hundeshagen, H., Dralle, H.: Prognostic Significance and Surgical Management of Locoregional Lymph Node Metastases in Papillary Thyroid Cancer, 559
Schimmelpenning, H., Eriksson, E.T., Zetterberg, A., Auer, G.U.: Association of Immunohistochemical p53 Tumor Suppressor Gene Protein Overexpression with Prognosis in Highly Proliferative Human Mammary Adenocarcinomas, 827
Schippers, E.: see Peiper et al., 912
Schneider, J.H.: Prolonged Motility Study in Four Different Quandrants of the Lower Esophageal Sphincter in Normals and Patients with Achalasia, S45
Schrenk, P.: see Rieger et al., 900
Schrezenmeir, J.: see Hasse et al., 630
Schumpelick, V.: see Peiper et al., 912
Schwabe, A.D.: Commentary, 141
Schwarzlmüller, B.: see Längle et al., 583
Ségouin, C.: see Nordlinger et al., 681
Seki, T.: see Komatsu et al., 921
Sekine, C.: Reduced Operation for Early Gastric Cancer, S25
Sekine, T.: Lateral Lymph Node Dissection in Carcinoma of the Lower Rectum, S29
Service, F.J.: see O'Riordain et al., 488
Sheen, P.C.: Intrahepatic Cholelithiasis Treated with Partial Liver Resection, S71
Shen, K.L.: Prognostic Value and Pathological Correlation of DNA Content from Paraffin-Embedded Tissues in Gastric Cancer, S58
Shen, K.L., Chu, C.-H.: DNA Ploidy and Biologic Aggressiveness of Gastric Adenocarcinoma in Chinese, 433
Shima, I.: see Fujita et al., 266
Shimaoka, K.: see Harada et al., 542
Shimazaki, T.: see Kamiike et al., 879
Shimizu, M.: see Harada et al., 542
Shimizu, S.: see Kamiike et al., 879
Shimoyama, T.: A Clinical Significance of Portal Blood Level of Carcinoembryonic Antigen (CEA) in Colorectal Cancer, S62
Shimoyama, T.: Pancreatic Cysts: Proposal for the Diagnostic Aspects and Surgical Management, S61
Shingu, K., Sugenoya, A., Itoh, N., Kato, R.: Expression of Basic Fibroblast Growth Factor in Thyroid Disorders, 500
Shiohara, E.: New Material as a Microcapsule for Pancreatic Islet Cell Transplantation, S37
Shizume, K.: see Tanaka et al., 635
Shukla, M.S.: see DeGroot et al., 123
Shuto, T.: Significance and Indication of Second Resection for Recurrent Hepatocellular Carcinoma, S28
Siewert, J.R.: see Hölscher et al., 312
Sikora, S.S.: Laparoscopic Cholecystectomy: Can Conversion Be Predicted?, S20
Simi, M.: Bowel Ischemic Stricture: Report of Three Cases Requiring Surgery, S33
Simi, M.: Pediatric Laparoscopic Cholecystectomy in General Surgery: Report of 5 Cases and Review of the Literature, S38
Simmons, R.M.: see Osborne and Simmons, 93
Simon, D., Goretzki, P.E., Gorelev, V., Ebling, B., Reishaus, E., Lyons, J., Haubruck, H., Röher, H.D.: Significance of P53 in Human Thyroid Tumors, 535
Simon, D.: see Roeher and Simon, 505
Singletary, S.E., Ames, F.C., Buzdar, A.U.: Management of Inflammatory Breast Cancer, 87
Siperstein, A.E.: see Tezelman et al., 522
Siriser, F.: Long-Term Results of Myotomy for Primary Achalasia, S17
Skalkeas, G.: see Safioleas et al., 859
Skinner, D.B.: see Altorki et al., 308
Smeds, S.: see Johansson et al., 417
Smout, J.C.: see Pories et al., 745
Soliman, M.A.: see Barsoum et al., 273
Soliman, T.: see Längle et al., 583
Songun, I.: see de Roy van Zuidewijn et al., 506
Sortini, A.: Emergency Therapeutic Laparoscopy, S51
Sortini, A.: Minimal-Invasive Approach of Colonic Pathologies, S50
Stark, M.: Letter to the Editor, 292
Stauffer, J.S.: Development of Normal Colonic Epithelial Cell Lines Derived from Normal Mucosa of Patients without Colon Cancer, S22
Steele, G., Jr., Doyle, J.: Changing World Health Care Delivery Systems: Effects on Surgical Education: Introduction, 655
Steele, G., Jr.: Commentary, 155, 777
Steele, G., Jr.: see Stone et al., 738
Stefenelli, T.: see Längle et al., 619
Steigmann, G.V.: see Terblanche et al., 185
Stewart, G.J.: see Cozzi et al., 774
Stinner, B.: see Hasse et al., 630
Stipa, F.: see Stipa et al., 200
Stipa, S., Balducci, G., Ziparo, V., Stipa, F., Lucandri, G.: Total Shunting and Elective Management of Variceal Bleeding, 200
Stipa, S., Ziparo, V., Castorina, S.: Health Care Delivery Systems: Effects on Surgical Education in Italy, 692
Stone, M.D., Steele, G., Jr., Doyle, J.: The Push Toward Generalism: A View from Surgery, 738
Strasberg, S.M.: Commentary, 773
Straus, F.H.: see DeGroot et al., 123
Strong, R.W.: see Miller et al., 906
Study Group on Multiple Endocrine Neoplasia of Austria: see Längle et al., 583
Suda, T.: Primary Linitis Plastica of the Colon and Rectum: A Clinicopathologic Study of 15 Cases, S69
Sugawara, M.: see Kuma et al., 495
Sugenoya, A.: see Shingu et al., 500
Sugimachi, K.: see Ohta et al., 764
Sugino, K.: see Ozaki et al., 518
Sugiyama, K.: see Fujimura et al., 150
Sulzbacher, H.: see Rieger et al., 900
Sun, K.L.: see Zhang et al., 347
Sunada, S.: see Tanaka et al., 896
Sunagawa, M.: see Takeshita et al., 428
Suzuki, Y.: Experimental Study of Percutaneous Trans-Gastric Endoscopic Surgery, S70
Suzuki, Y.: see Komatsu et al., 921
Szold, A.: see Reissman et al., 139

T

Tabata, M.: see Ogura et al., 778
Tagawa, Y.: see Kawahara et al., 822
Takada, N.: Elevated Activities of Spermidine/Spermine N^1-Acetyltransferase and Ornithine Decarboxylase in Human Esophageal Cancers, S27
Takahashi, K.: see Ogura et al., 778
Takahashi, T.: see Kamiike et al., 879
Takahashi, T.: see Kawahara et al., 822
Takahashi, T.: see Orozco et al., 246
Takamura, H.: see Fujimura et al., 150
Takao, T.: see Tanaka et al., 896

Takaoka, T.: Experimental Study of the Effect of Total Gastrectomy and/or Menopause on Bones in Rats, S70
Takemura, S.: Real Time Detection of No Production by the Liver, S37
Takeshita, K.: Significance of Serum C3 and C3a Levels as Prognostic Factors in Patients with Gastric Cancer, S51
Takeshita, K., Ashikawa, T., Tani, M., Saito, N., Maruyama, M., Sunagawa, M., Habu, H., Endo, M.: Clinicopathologic Features of Gastric Cancer Infiltrating the Lower Esophagus, 428
Takeuchi, O.: Evaluation of Positron Emission Tomography for Diagnosis of Local Recurrence in Rectal Cancer, S36
Takiguchi, N.: Histopathological and Roentgenological Study on Effects of Preoperative Irradiation Therapy for Rectal Cancer, S68
Takii, Y.: Increase in the Proportion of Granulated $CD56^{+}$T Cells in Patients with Malignancy, S69
Tanaka, H.: see Fujita et al., 266
Tanaka, R., Tsushima, T., Murakami, H., Shizume, K., Obara, T.: Insulin-like Growth Factor I Receptors and Insulin-like Growth Factor-Binding Proteins in Human Parathyroid Tumors, 635
Tanaka, S.: see Hamamoto et al., 834
Tanaka, T.: Experimental Studies on the Prevention of Hepatic Metastasis of Colon Cancer by Preventing Neoangiogenesis, S13
Tanaka, Y., Takao, T., Watanabe, H., Kido, T., Ogawa, N., Iwase, K., Sunada, S., Sando, K., Kawamoto, S., Koto, K., Satani, M., Ono, N.: Early Stage Gastric Lymphoma: Is Operation Essential? 896
Tani, M.: see Takeshita et al., 428
Taniguchi, K.: Surgical Management for Leiomyosarcoma of the Inferior Vena Cava Extending into the Atrium, S41
Tanimura, H.: Problems of Preoperative Antibacterial Preparation as Prophylaxis of Postoperative Infection in Colorectal Surgery, S31
Tanjoh, K.: Effects of Glucagon Treatment on the Metabolic Abnormalities in Pancreatectomized Patients, S58
Tanjoh, K.: Nitric Oxide (NO) and Active Oxygen Intermediates in Severe Pancreatitis, S58
Tanoue, K.: Extracellular Matrix Abnormalities in Portal Hypertensive Esophageal Mucosa: The Key to Variceal Rupture?, S20
Tanoue, K.: see Ohta et al., 764
Tatuo, T.: see Konno et al., 944
Taylor, B.R.: see Cohen et al., 672, 676
Taylor, B.R.: see Dagenais et al., 222
Taylor, E.W., Lindsay, G., West of Scotland Surgical Infection Study Group: Selective Decontamination of the Colon Before Elective Colorectal Surgery, 926
Taylor, I.: Health Care Delivery Systems: Effects on Surgical Education, 730
Teramoto, K.: Apoptosis in Liver Allograft Rejection in Rats, S32
Terblanche, J., Stiegmann, G.V., Krige, J.E.J., Bornman, P.C.: Long-Term Management of Variceal Bleeding: The Place of Varix Injection and Ligation, 185
Terblanche, J.: Commentary, 768
Terpstra, O.T.: see Plaisier et al., 769
Tezelman, S., Grossman, R.F., Siperstein, A.E., Clark, O.H.: Radioiodine-Associated Thyroid Cancers, 522
Thakeb, F.: see Barsoum et al., 273
Thomas, G.A.: see Neonakis et al., 588
Thomas, H.: Detailed Manometric Evaluation of the Upper Esophageal Sphincter in Patients with Dysphagia, S40
Thompson, G.B.: see Gough et al., 473
Thomson, S.R., Baker, L.W.: Health Care Provision and Surgical Education in South Africa, 701
Thörne, J.: see Malmros et al., 811
Tisell, L.-E.: see Nilsson et al., 605
Tisell, L.-E.: see Proye et al., 467
Toh, Y.: see Fujita et al., 266
Toki, T.: Application of the High-Dose-Rate Intracavitary Irradiation in the Multidisciplinary Treatment of Esophageal Cancer, S57
Tomikawa, M.: see Ohta et al., 764
Tomita, M.: see Kawahara et al., 822
Tomita, R.: A Role of Gastrointestinal Hormones in the Colon of Patients with Diverticular Disease, S57
Tomita, R.: Nitric Oxide and the Nonadrenergic Inhibitory Nerve in Hirschsprung's Disease, S57
Töns, C.: see Peiper et al., 912
Toouli, J.: see Cox et al., 422
Toyoki, Y.: Characterization of Heparan Sulfate in Mongrel Dog Regenerating Liver, S29
Troidl, H.: see Paul and Troidl, 415
Trondsen, E.: see Reiertsen et al., 411
Tsou, S.S.: Comparison of p53 Expression in Gastric Carcinoma and Metastatic Perigastric Lymph Nodes, S61
Tsuchiya, S.: see Komatsu et al., 921
Tsugawa, K.: see Fujimura et al., 150
Tsuji, H.: see Kawahara et al., 822
Tsukada, K.: Esophageal Transection and Paraesophago-Gastric Devascularisation for Variceal Hemorrhage After Injection Sclerotherapy, S47
Tsukada, K.: Radical Operation for Stage 3 or 4 Gallbladder Carcinoma, S38
Tsushima, T.: see Tanaka et al., 635
Tullgren, O.: see Sandelin et al., 594
Tusch, G.: see Ringe et al., 233
Tüzüner, A.: see Kuzu et al., 948
Tzen, K.-Y.: see Wang et al., 131

U

Ueno, K.: see Ohta et al., 764
Uetake, H.: Hyperthermotherapy for Advanced Gastric Cancer, S63
Usuba, A.: Acute Respiratory Insufficiency After Surgery for Esophageal Cancer and Antithrombin III, S25
Usuba, A.: Effect of the Synthetic Proteinase Inhibitors on Hypercoagulability After Surgery for Esophageal Cancer, S26

V

Vaga, M.: Surgical Management of Colorectal Carcinoma, S71
Van Cleynenbreughel, B.: see Lerut et al., 379
van de Velde, C.J.H.: see de Roy van Zuidewijn et al., 506
van der Hul, R.L.: see Plaisier et al., 769
Van Hee, R.: see Hubens and Van Hee, 667
van Heerden, J.A.: see O'Riordain et al., 488
Van Raemdonck, D.: see Lerut et al., 379
van Schilfgaarde, R.: see Zwierstra et al., 718
Van Voorst, S.J., Rustom, S., Pate, J.W., Maijub, A.G., Leffler, C.W.: Intraluminal Shunt for the Thoracic Aorta: Spinal Cord and Visceral Blood Flow in Acute Studies, 939
Veiga-Fernandes, F.: Esophagogastrectomy with Colon Interposition, S49
Verge, J.: Cystic Lymph Node from Occult Thyroid Carcinoma, S55
Verge, J.: Treatment of Rectal Prolapse with Prothesis of PTFE and Polypropylene, S21
Veronesi, U., Luini, A., Galimberti, V., Zurrida, S.: Conservation Approaches for the Management of Stage I/II Carcinoma of the Breast: Milan Cancer Institute Trials, 70
Veselic, M.: see de Roy van Zuidewijn et al., 506
Villafane, M.: see Henry et al., 529
Vitellaro, M.: Enteral Nutrition in Rectal Tumour Staging and for Surgical Treatment, S69
Vix, M.: see Proye et al., 467
Vons, C.: see Elcheroth et al., 240

W
Wagner, H.E., Matter, P.: Swiss Health Care Delivery System: Impact of Financial Restrictions on Surgical Education, 714
Wagner, P.K.: see Hasse et al., 630
Wakabayashi, H.: see Hamamoto et al., 834
Wakayama, T.: The Indications of Conservative Therapy for Perforated Peptic Ulcers, S69
Walia, H.S., El-Karim, H.A.: Anterior Lesser Curve Seromyotomy with Posterior Truncal Vagotomy Versus Proximal Gastric Vagotomy: Results of a Prospective Randomized Trial 3—8 Years After Surgery, 758
Wallner, G.: Evidence of *Helicobacter pylori* Infection in Patients with Reflux Oesophagitis, S19
Wamprechtshammer, K.: see Längle et al., 583
Wan, K.Y.: see Lorentz et al., 547
Wang, C.-S., Tzen, K.-Y., Chen, P.-C., Chen, M.-F.: Effects of Highly Selective Vagotomy and Additional Procedures on Gastric Emptying in Patients with Obstructing Duodenal Ulcer, 131
Wang, L.J.: see Zhang et al., 347
Wang, Y.G.: see Zhang et al., 347
Wasunna, A.: Commentary, 278
Watanabe, H.: see Tanaka et al., 896
Watson, A.: Operable Esophageal Cancer: Current Results from the West, 361
Watson, P.: see Lynch et al., 21
Wayand, W.: see Rieger et al., 900
Wegener, G.: see Scheumann et al., 559
Werkgartner, G.: see Mischinger et al., 852
West of Scotland Surgical Infection Study Group: see Taylor et al., 926
Whang, E.E.: Both Y1-Specific and Y2-Specific Peptide YY Receptor Agonists Modulate Colonic Ion Transport, S41
Wheeler, M.H.: Commentary, 581
Wheeler, M.H.: see Neonakis et al., 588
Widhalm, G.: see Längle et al., 583
Williams, E.D.: see Neonakis et al., 588
Williams, L.F., Jr.: Severest Pancreatitis in an Outcomes Analysis Era, S41
Wilson, S.D.: see Demeure et al., 569
Wilson, S.E.: see Hopkins et al., 933
Wilson, T.G.: see Cox et al., 422
Wittmann, D.H.: Open Abdomen, Planned Relaparotomy or Staged Abdominal Repair: Is There a Difference? S49
Wlodarczyk, A.: Metabolic Disturbances After Surgical Treatment of Benign Diseases of Stomach and Duodenum, S22
Woisetschläger, R.: see Rieger et al., 900
Woloszczuk, W.: see Längle et al., 619
Wong, J.: see Fok et al., 355
Wong, J.: see Law et al., 339
Wong, J.: Squamous Esophageal Cancer—Introduction, 307
Wong, K., Henderson, I.C.: Management of Metastatic Breast Cancer, 98
Wood, W.C.: Integration of Risk Factors to Allow Patient Selection for Adjuvant Systemic Therapy in Lymph Node-Negative Breast Cancer Patients, 39

Y
Yamada, T.: Immunological Studies in the Postoperative Patients After Pancreatoduodenectomy, S65
Yamagiwa, K.: Histopathological and Biological Features of Intrahepatic Cholangiocellular Carcinoma, S39
Yamana, H.: see Fujita et al., 266
Yamashita, Y., Kurohiji, T., Kakegawa, T.: Evaluation of Two Training Programs for Laparoscopic Cholecystectomy: Incidence of Major Complications, 279
Yang, H.-H.: The Prognostic Significance of c-erbb-2 and p53 Protein Expressions in Gastric Carcinoma, S27
Yang, H.-K.: see Kim et al., 872
Yang, L.: see Zhang et al., 347
Yashiro, T., Hara, H., Fulton, N.C., Obara, T., Kaplan, E.L.: Point Mutations of *ras* Genes in Human Adrenal Cortical Tumors: Absence in Adrenocortical Hyperplasia, 455
Yokozawa, T.: see Kuma et al., 495
Yonemura, Y.: see Fujimura et al., 150
Yoo, H.Y.: Clinical Analysis of Gastric Cardia Cancer, S27
Yoshinaga, K.: Prophylactic Regional Chemotherapy via Portal Vein for Liver Metastasis of Colorectal Cancer, S68
Youssef, E.M.: Proliferation Index as a Prognostic Marker in Esophageal Cancer, S26
Yu, J.C.: Schwannoma of the Gastrointestinal Tract: An Ultrastructural and Immunohistochemical Study, S60
Yu, T.J.: Portal Hemodynamics in Patients Receiving Devascularization for the Control of Esophageal Varices Bleeding, S53

Z
Zackrisson, B.-F.: see Nilsson et al., 605
Zakaria, S.: see Barsoum et al., 273
Zetterberg, A.: see Schimmelpenning et al., 827
Zhang, D.C.: see Zhang et al., 347
Zhang, D.W., Cheng, G.Y., Huang, G.J., Zhang, R.G., Liu, X.Y., Mao, Y.S., Wang, Y.G., Chen, S.J., Zhang, L.Z., Wang, L.J., Zhang, D.C., Yang, L., Meng, P.J., Sun, K.L.: Operable Squamous Esophageal Cancer: Current Results from the East, 347
Zhang, L.Z.: see Zhang et al., 347
Zhang, R.G.: see Zhang et al., 347
Zinkiewicz, K.: The *Helicobacter pylori* Infection in Gastric Carcinoma: An Immunological Aspect, S36
Ziparo, V.: see Stipa et al., 200, 692
Zoro, P.: see Henry et al., 529
Zurrida, S.: see Veronesi et al., 70
Zwierstra, R.P., Scherpbier, A.J.J.A., van Schilfgaarde, R.: Changing Patterns in Graduate Surgical Education in The Netherlands, 718

Subject Index—Volume 18, 1994

A

Abdominal Aortic Aneurysm Surgery
prevention of bleeding after (Konno et al.), 944

Abdominal Sepsis
dynamic accumulation of neutrophils in lungs and visceral organs during (Malmros et al.), 811

Abdominal Surgery
arterial embolization for bleeding after (Oosawa et al.), S47

Abdominal Trauma
video-assisted laparoscopy used in (Lai et al.), S26

Active Oxygen Intermediates
in severe pancreatitis (Tanjoh et al.), S58

Acute Variceal Hemorrhage
emergency surgery for (Rikkers et al.), 193
sclerotherapy of (Barsoum et al.), 273

Adhesion Plaques
role in metastatic potential of follicular thyroid cancers (Demeure et al.), 569

Adjunctive Antimicrobial Therapy
complicated appendicitis treated by (Hopkins et al.), 933

Adjuvant Therapy
for breast cancer (Davidson et al.), 112
for lymph-node-negative breast cancer, patient selection for (Wood), 39
postoperative, effect on advanced gastric cancer (Ogawa et al.), S66
role of classification of papillary thyroid cancer in determining (Noguchi et al.), 552

Adrenal Cortical Tumors
point mutations of *ras* genes in (Yashiro et al.), 455

Adrenocortical Hyperplasia
absence of point mutations of *ras* genes in (Yashiro et al.), 455

Adult Respiratory Distress Syndrome
after surgery for esophageal cancer (Usuba et al.), S25

Aggressive Surgery
metastatic parathyroid cancer treated by (Sandelin et al.), 594

Alltransplantation
of microencapsulated parathyroids in rats (Hasse et al.), 630

5β1 Integrin
in clones of human follicular thyroid cancer cell line (Demeure et al.), 569

Amonafide
role in management of metastatic breast cancer (Wong et al.), 98

Anastomosis
esophageal, techniques of (Bardini et al.), 373
gastrojejunal vs. gastroduodenal (Chareton et al.), S17

Anastomotic Leakage
in mechanical and manual esophageal anastomosis (Bardini et al.), 373

Anesthesia
local versus general, for Shouldic repair of inguinal hernia (Pieper et al.), 912

Anorectal Melanoma
case reports of (Quer et al.), S55

Anterior Lesser Curve Seromyotomy
with posterior truncal vagotomy, compared with proximal gastric vagotomy (Walia et al.), 758

Aortic Repair
intraluminal shunt for (Van Voorst et al.), 939

Apoplexy
resected esophageal cancer patients with history of (Izumi et al.), S30

Apoptosis
in liver allograft rejection in rats (Teramoto et al.), S32

Appendectomy
laparoscopic versus conventional (Reiertsen et al.), 411

Appendicitis
complicated, adjunctive antimicrobial therapy for (Hopkins et al.), 933

Appendix Tumors
prognosis and treatment of (Moreno Sanz et al.), S65

Arterial Disorders
Behçet's disease and (Kuzu et al.), 948

Arterial Embolization
for bleeding abdominal surgery (Oosawa et al.), S47

Aspartate Transaminase (AST)
serum levels of, as indicator of thrombocytopenia (Cozzi et al.), 774

Atypical Hyperplasia
increased risk for breast cancer and (Page et al.), 32

Australia
surgical education in (Egerton), 662
undergraduate surgical education in (Prideaux et al.), 657

B

Basic Fibroblast Growth Factor
in hyperplastic parathyroid gland from patients with multiple endocrine neoplasia type I (Komatsu et al.), 921

Behçet's Disease
vascular involvement in (Kuzu et al.), 948

Belgium
surgical training in (Hubens et al.), 667

Benign Follicular Neoplasms
role of proton magnetic resonance in avoidance of surgery for (Delbridge et al.), 512

β-Adrenergic Antagonists
risk of variceal bleeding reduced by (Lebrec), 229

β-Blockers
risk of variceal bleeding reduced by (Lebrec), 229

Bilateral Adrenalectomy
role in Cushing's disease (Favia et al.), 462

Bile Acid Tolerance Test
for preoperative estimation of functional reserve of liver in hepatic resection (Ohnishi et al.), S64

Bile Duct Cancer
mode of lymphatic spread in (Kurosaki et al.), S68

Biliary Tract Injury
during laparoscopic cholecystectomy (Kestens et al.), S13

Blood Transfusion
role in pathogenesis of ileal pouchitis (Ferzoco et al.), S42

Bone Marrow Transplantation
managing metastatic breast cancer with high-dose chemotherapy for (Wong et al.), 98

Bone Mineral Density Loss
after surgery for gastritis and peptic ulcer (Marcinowska-Suchowierska et al.), S22

Bowel Ischemic Stricture
surgery of (Simi et al.), S33

Bradykinin Antagonist
effect on bradykinin and beta-endorphin release and hypotension during (Satake et al.), S24

Braun Loop
after total gastrectomy, clinical and nutritional results of (Mendes de Almeida et al.), 883

BRCA1 Gene
role in early-onset hereditary site-specific breast cancer and HBOC syndrome (Lynch et al.), 21

Breast Cancer
clinical and basic research on (Bland), 10
conservative surgery for management of (Fisher et al.), 63; (Veronesi et al.), 70
early stage, systemic adjuvant therapy of (Davidson et al.), 112
immunohistochemical p53 tumor suppressor gene protein overexpression in (Schimmelpenning et al.), 827
in situ, management of (Frykberg et al.), 45
locally advanced, management of (Borgen), 81

Milan Cancer Institute trials studying treatment of (Veronesi et al.), 70
minimally invasive, management of (Frykberg et al.), 45
molecular biology of (El-Ashry et al.), 12
NSABP trials of studying (Fisher et al.), 63
patient selection criteria for conservation surgery versus mastectomy for treating (Moore et al.), 58
patient selection for adjuvant systemic therapy in (Wood), 39
premalignant lesions and risk for (Page et al.), 32
risk factors and management of local recurrence of (Osteen), 76
salvage surgery for recurrence of (Osborne et al.), 93
Breast Conservation Surgery
for managing invasive and noninvasive carcinoma (Fisher et al.), 63
for managing stage I/II breast carcinoma (Veronesi et al.), 70
patient selection criteria for (Moore et al.), 58
risk factors and management of local recurrence following (Osteen), 76
salvage surgery for recurrence after (Osborne et al.), 93
Bronchoplastic Procedure
for lung cancer (Kawahara et al.), 822

C
***c-met* Gene**
analysis of, in gastric cancer (Kaji et al.), S67
CA242 Tumor Marker
pancreatic cancer marked by (Casadei et al.), S15
Calcitonin
expression of, in medullary thyroid cancer (Neonakis et al.), 588
Calcitonin Screening
for medullary thyroid cancer in MEN IIA patients (Frilling et al.), 577
Canada
medical education in (Cohen et al.), 676
review of health care system in (Cohen et al.), 672
Carbohydrate Antigen 19-9 (CA19-9)
as prognostic indicator of gastric cancer (Okinaga et al.), S39
systemic and portal venous blood level of, in colorectal cancer (Komborozos et al.), S46
Carbon Dioxide
effect on portal vein resistance during arterialization (Katagiri et al.), S47
Carcinoembryonic Antigen (CEA)
as prognostic indicator of gastric cancer (Okinaga et al.), S39
portal blood level of, in colorectal cancer (Shimoyama et al.), S62
predictor of peritoneal recurrence of gastric cancer by (Asao et al.), S26
systemic and portal venous blood level of, in colorectal cancer (Komborozos et al.), S46
Cardiac Abnormalities
primary hyperparathyroidism and (Längle et al.), 619
Cardiac-Related Disease
after radiotherapy for early breast cancer (Houghton et al.), 117
CD15 (LeuM1) Immunoreactivity
as prognostic factor for medullary thyroid cancer (Längle et al.), 583
Chemoradiotherapy
esophageal cancer treated by (Kitamura et al.), S30
Chemotherapy
as adjuvant therapy for esophageal cancer (Nishihira et al.), 388
as prophylactic treatment during surgery for gastric cancer (Mai et al.), S31
combined with uneven fractionation radiotherapy for esophageal cancer (Hasimoto et al.), S62
early-stage gastric lymphoma treated by (Tanaka et al.), 896
etoposide, adriamycin, cisplatin, ultrasound monitoring of (Kulig et al.), S55
for colorectal cancer (Yoshinaga et al.), S68
for treating systemic breast cancer (Davidson et al.), 112
in advanced or metastatic gastric cancer (Frasci et al.), S56
role in management of metastatic breast cancer (Wong et al.), 98
with mastectomy for treating inflammatory breast cancer (Singletary et al.), 87
Children
laparoscopic cholecystectomy in (Simi et al.), S38
portal hypertension in (Maksoud et al.), 251
restorative protocolectomy in (Fonkalsrud), S16
China
DNA ploidy and gastric adenocarcinoma in (Shen et al.), 433
results of resection of esophageal squamous cell carcinoma (Zhang et al.), 347; (Fok et al.), 355
risk factors influencing survival of papillary thyroid cancer in (Lorentz et al.), 547
Cholangiocarcinoma
intraoperative biopsy and postoperative survival in (Nakao et al.), S48
surgical treatment of (Hirohashi et al.), S28
Cholangiography
as preoperative function for laparoscopic cholecystectomy (Chiatasso et al.), S33
Cholangitis
developed in pregnancy after biliary reconstruction for choledochal cyst (Nakadaira et al.), S39
Cholecystokinin
colonic absorption mediated by (Liu et al.), S40
Choledochal Cyst
resection of (Khandelwal et al.), S44
termination of pancreatic duct of (Komi et al.), S20
Choledochoduodenostomy
choledocholithiasis and bile duct dysplasia in rats after (Kuo et al.), S70
for benign biliary diseases in elderly (Noce et al.), S12
Choledochofiberscopy
bacteremia following (Chen et al.), S11
Chronic Duodenal Ulcer
reoperation after surgery for (Bapaye et al.), S48
Chronic Liver Disease
procollagen III peptide serum level as marker in (Mikhail et al.), S43
Ciprofloxacin
for selective decontamination of colon before elective colorectal surgery (Taylor et al.), 926
Cirrhosis
hepatectomy for hepatocellular carcinoma associated with (Fan et al.), S23
Cirrhotic Liver
tolerance for ischemic injury in (Matsutomo et al.), S46
Cirrhotic Patients
intractable ascites in (Elcheroth et al.), 240
narrow-diameter shunts for treating variceal hemorrhage from portal hypertension in (Collins et al.), 211
outside Japan, experience with Sugiura procedure for variceal bleeding in (Dagenais et al.), 222
portal hypertension and liver function in (McCormick et al.), 171
safe limits of hepatic resection in (Nakata et al.), S61
Cisplatinum
effect on contractile mechanisms of small bowel (Otterson et al.), S20
Cold Preservation Time
in liver transplantation (Moreno et al.), S32
Coloanal Anastomosis
in lower rectal cancer (Leo et al.), S71

Colon
invasing carcinoma into submucosal layer of (Mai et al.), S31
primary linitis plastica of (Suda et al.), S69
Colon Cancer
human monoclonal antibody inhibits invasive capacity of (Koda et al.), S38
prevention of hepatic metastasis of (Tanaka et al.), S13
primary resection during closed loop obstruction due to (Kontic et al.), S15
relationship between NDP kinase expression and metastatic potential in (Ichikawa et al.), S63
Colon Pathologies
minimally invasive approach to (Sortini et al.), S50
Colonic Absorption
mediated by cholcystokinin (Liu et al.), S40
Colonic Diverticular Disease
role of gastrointestinal hormone in (Tomita et al.), S57
Colonic Epithelial Cell Lines
developed from normal mucosa (Stauffer et al.), S22
Colonic Ion Transport
modulated by Y1 and Y2 receptors (Whang et al.), S41
Colonic Necrosis
associated with necrotizing pancreatitis (Miller et al.), 906
Colorectal Adenocarcinoma
loss of heterozygosity of APC gene in (Moreno Azcoita et al.), S55
Colorectal Cancer
carcinogenic survey of liver metastases from (Chiatasso et al.), S33
CEA and CA19-9 levels in systemic and portal venous blood in patients with (Komborozos et al.), S46
hepatic reresection for recurrent liver metastases from (Lamadé et al.), S49
portal blood level of CEA in (Shimoyama et al.). S62
prognostic factors of (Honda et al.), S25
prophylactic regional chemotherapy via portal vein for liver metastasis of (Yoshinaga et al.), S68
surgery for, in elderly (Akaiwa et al.), S34
surgical management of (Vega et al.), S71
Colorectal Surgery
antibiotic prophylaxis administered for (Taylor et al.), 926
preoperative antibacterial preparation as prophylaxis of postoperative infection in (Tanimura et al.), S31
Combination Therapy
for complicated appendicitis, compared with single antimicrobial (Hopkins et al.), 933
for esophageal cancer (Hashimoto et al.), S62
for gastric cancer (Kojima et al.), S64
Common Bile Duct
joining type of cystic duct to (Monma et al.), S34
Common Bile Duct Injury
during laparoscopic cholecystectomy, minimizing risk of (Cox et al.), 422
Common Bile Duct Stones
comparison of four lithotripsy procedures for treating (Fiocca et al.), S51
diagnosed and treated by ERCP (Grasso et al.), S52
percutaneous postoperative choledochoscopic lithotripsy for (Ker et al.), S71
perioperative ERCP with with laparoscopic cholecystectomy (Rieger et al.), 900
single-stage laparoscopic treatment for (Paganini et al.), S53
Computed Tomography
preoperative staging of esophageal cancer by (Becker), 331
role in TNM staging of esophageal cancer (Hölscher et al.), 312
Continuous Hyperthermic Peritoneal Perfusion
for prevention of peritoneal recurrence of gastric cancer (Fujimura et al.), 150
Coronary Artery Disease
simultaneous surgery of gastric cancer and (Kamiike et al.), 879
Cushing's Disease
role of bilateral adrenalectomy in (Favia et al.), 462
Cystic Duct
joining types of, to common bile duct (Monma et al.), S34
Cystic Lesions
in and around pancreas (Greenberg et al.), S46
Cystic Lymph Node
from occult thyroid carcinoma (Verge et al.), S55

D
Decompressive Portosystemic Shunts
liver transplantation and, for esophageal variceal hemorrhage (Ringe et al.), 233
Distal Splenorenal Shunt
portal hypertension in children treated by (Maksoud et al.), 251
role in long-term management of variceal bleeding (Henderson), 205
DNA Ploidy
as prognostic factor of gastric adenocarcinoma in Chinese (Shen et al.), 433
in gastric cancer from paraffin-embedded specimens (Shen), S58
DNA Screening
for medullary thyroid cancer in MEN IIA patients (Frilling et al.), 577
Dog
pancreatectomized, study of adult pancreatic fragment autotransplantation (Madureira), 259
Doxorubicin-Containing Chemotherapy
with mastectomy or radiation therapy for treatment inflammatory breast cancer (Singletary et al.), 87
Duodenal Stump
procedure for closing (Meyer et al.), 286
Duodenal Ulcer
bleeding posterior, procedure for closing duodenal stump (Meyer et al.), 286
comparison of two surgical techniques for treating (Walia et al.), 758
effect of vagotomy on intragastric pH of (Omura et al.), S23

E
Early Breast Cancer
role of radiotherapy following total mastectomy in patients with (Houghton et al.), 117
Echo-Color-Doppler Ultrasound
preoperative staging of pancreatic cancer by (Casadei et al.), S57
Elderly
choledocoduodenostomy in (Noce et al.), S12
colorectal cancer surgery in (Akaiwa et al.), S34
endoscopic injection sclerotherapy for esophageal varices in (Ohta et al.), 764
pancreaticoduodenectomy in (Levi et al.), S12
pancreatoduodenal resection in (Koga et al.), S56
surgery for sporadic primary hyperparathyroidism in (Öhrvall et al.), 612
Emergency Surgery
of acute variceal hemorrhage (Rikkers et al.), 193
En Bloc Resection
for extensive hepatocellular carcinoma (Jeng et al.), 845
Endocrine Therapy
role in management of metastatic breast cancer (Wong et al.), 98

Endoluminal Sonography
esophageal tumor infiltration of local lymph nodes diagnosed by (Becker), 331
Endoscopic Hemostatis
using gelatin solution (Ishii et al.), S25
Endoscopic Injection Sclerotherapy
for esophageal varices in elderly (Ohta et al.), 764
Endoscopic Retrograde Cholangiopancreatography (ERCP)
intraoperative, with endoscopic sphincterotomy (Fiocca et al.), S51
laparoscopic cholecystectomy with (Liu et al.), S61
role in diagnosis and treatment of bile duct stones (Grasso et al.), S52
selective use with laparoscopic cholecystectomy for treating common bile duct stones (Rieger et al.), 900
Endoscopic Sphincterotomy
use with laparoscopic cholecystectomy for treating common bile duct stones (Rieger et al.), 900
with laparoscopic cholecystectomy (Fiocca et al.), S51
Endoscopic Ultrasonography
role in TNM staging of esophageal cancer (Hölscher et al.), 312
Enteral Nutrition
after esophageal cancer resection (Mercer et al.), S43
as perioperative nutritional support for patients with esophageal cancer (Nagahama et al.), S35
in rectal tumor staging and for surgical treatment (Vitellaro et al.), S69
Epstein-Barr Virus
associated with gastric adenocarcinoma (Iwasaki et al.), S63
Esophageal Bleeding Varices
in children, treatment of (Maksoud et al.), 251
injection sclerotherapy treatment of (Terblanche et al.), 185
portal hemodynamics in patients receiving devascularization for (Yu et al.), S53
prophylactic treatment of (Greig et al.), 176
role of liver transplantation in management of (Ringe et al.), 233
sclerotherapy of (Barsoum et al.), 273
Sugiura procedure for management of (Idezuki et al.), 216
Esophageal Cancer
activities of spermidine/spermine N^1-acetyltransferase and ornithine decarboxylase in (Takada et al.), S27
acute respiratory insufficiency after surgery for (Usuba et al.), S25
adjuvant therapies for (Nishihira et al.), 388
apoplexy and resection of (Izumi et al.), S30
early detection, diagnosis, and treatment of (Becker), 331
effect of synthetic proteinase inhibitors on hypercoagulability after (Usuba et al.), S26
enteral feeding after resection of (Mercer et al.), S43
intracavitary irradiation with remote-controlled after loading system treatment of (Toki et al.), S57
lymph node metastasis and recurrence in patients with (Fujita et al.), 266
multimodality treatment for (Kitamura et al.), S30
oncogenes and tumor suppressor gene in (Katayama et al.), S45
pathology and prognosis of (Ide et al.), 321
perioperative nutritional support for patients with (Nagahama et al.), S35
postoperative complications and immunologic state following surgery for (Misiuna et al.), S19
pre- and postoperative TNM staging of (Hölscher et al.), 312
proliferation index as prognostic marker in (Youssef et al.), S26
previous gastric resection and development of (Alvarado et al.), S32
quality of life with (Gelfand et al.), 399
resection of and survival from (Altorki et al.), 308; (Lerut et al.), 379
results from East of resection of (Fok et al.), 355
results from West of resection of (Watson), 361
results of lymphadenectomy for (Higashino et al.), S28
results of resection of (Zhang et al.), 347
risk analysis in resection of (Law et al.), 339
role of resection in survival and accuracy of staging of (Lerut et al.), 379
survival following resection of (Launois et al.), S18
thoracic esophagectomy for (Iwase et al.), S23
total esophagectomy with thoracoscopy for treating (Bloch et al.), S52
treatment for recurrence of (Kitamura et al.), S31
uneven fractionation radiotherapy and chemotherapy combination for (Hashimoto et al.), S62
unresectable, long-term survival with (Maeo et al.), S54
Esophageal Motility Disorders
medical and minimally invasive surgical therapy for (Patti et al.), S16
Esophageal Perforation
primary suture repair reinforced with absorbable mesh and fibrin glue (Bardaxoglou et al.), S17
Esophageal Resection
for variceal hemorrhage after injection sclerotherapy (Tsukada et al.), S47
Esophageal Varices
in elderly endoscopic injection sclerotherapy for (Ohta et al.), 764
Esophagogastrectomy
with colon interposition between cervical esophagus and duodenum (Veiga-Fernandes et al.), S49
Esophagogastric Devascularization Procedures
for variceal bleeding outside Japan (Dagenais et al.), 222
Esophagus
gastric cancer and infiltration of (Takeshita et al.), 428
granular cell tumor of (Kim et al.), S59
Extracorporeal Shock Wave Lithotripsy
prospective study comparing open cholecystectomy with (Plaisier et al.), 769
Extrahepatic Bile Duct Carcinoma
clinicopathological study of invasion on surgical margins in (Ogura et al.), 778

F
Familial Mediterranean Fever
elective laparoscopic appendectomy in patients with (Reissman et al.), 139
Familial Polyposis Coli
restorative proctocolectomy of (Oah et al.), S48
Family Cancer Syndromes
hereditary breast cancer and (Lynch et al.), 21
Fibroblast Growth Factor
in thyroid neoplasms, expression of (Shingu et al.), 500
Fibronectin Receptors
in clones of human follicular thyroid cancer cell line (Demeure et al.), 569
Fine-Needle Aspiration Biopsy
as preoperative diagnostic test for thyroid disease, evaluation of (de Roy van Zuidewijn et al.), 506
followup of untreated benign thyroid nodules performed by (Kuma et al.), 495
of thyroid neoplasia II (Delbridge et al.), 512
of thyroid nodules, thyroperoxidase immunodetection for diagnosis of malignancy on (Henry et al.), 529

Fistulae
after Ivor-Lewis esophagectomy (Lozac'h et al.), S43
France
surgical education in (Nordlinger et al.), 681
Fundoplication
for GERD, laparoscopic vs open (Heimbucher et al.), S40

G
Gallbladder Cancer
presenting as benign biliary disease (Kapoor et al.), S21
stage 3 or 4, radical operation for (Tsukada et al.), S38
surgical treatment for (Onoyama et al.), S14
Gallbladder Function
after gastrectomy for gastric cancer (Imada et al.), S30
Gallstones
laparoscopic surgery for (Hans-Jörg et al.), S53
single-stage laparoscopic treatment for (Pananini et al.), S53
Gastrectomy
cholelithiasis and cholecystitis after (Liu et al.), S44
complications of (Liu et al.), S44
effect on bone in rats (Takaoka et al.), S70
functional results of Roux-en-Y jejunal pouch reconstruction after (Ono et al.), S40
gallbladder function after (Imada et al.), S30
gastric cancer recurrence after (Kunisaki et al.), S37
palliative, for advanced gastric cancer (Khandelwal et al.), S45
total, reconstruction of alimentary tract after (Mendes de Almeida et al.), 883
using plastic T-fasteners for lifting gastric wall (Miura et al.), S62
Gastric Adenocarcinoma
Epstein-Barr virus associated with (Iwasaki et al.), S63
Gastric Antrum Carcinoma
Billroth I or II for (Chareton et al.), S17
Gastric Cancer
biological markers of growth, metastasis, and prognosis of (Hirayama et al.), S63
Borrmann type 4, treatment strategy of (Fujimura et al.), S67
c-met gene in (Kaji et al.), S67
carboplatin and oral etoposide chemotherapy of (Frasci et al.), S56
CEA and CA19-9 levels as prognostic indicator of (Okinaga et al.), S39
cholelithiasis and cholecystitis after gastrectomy for (Liu et al.), S44
clinical significance of serum gastrin values in (Miyaji et al.), S35
continuous hyperthermic peritoneal perfusion for prevention of peritoneal recurrence of (Fujimura et al.), 150
curative surgery for (Mendes de Almeida et al.), 889
DNA ploidy and Ki-67 labeling index in evaluating clinical behavior of (Imada et al.), S30
5′-doxifluridine, cisplatin, and mitomycin C combination therapy for (Kojima et al.), S64
early, endoscopic mucosal resection of, using ligation device (Masuda et al.), S60
early, recurrence after gastrectomy (Kunisaki et al.), S37
early, reduced operation for (Sekine et al.), S25
effect of intraperitoneal hyperthermochemotherapy on (Lee et al.), S45
effect of postoperative adjuvant immunotherapy with OK-432 on (Ogawa et al.), S66
evaluation of gallbladder function after gastrectomy for (Imada et al.), S30
from paraffin-embedded tissues, DNA ploidy in (Shen), S58
Helicobacter pylori infection in (Zinkiewicz et al.), S36
hyperthermotherapy for (Uetake et al.), S63
in Chinese, DNA ploidy as prognostic factor in (Shen et al.), 433
manganous superoxide dismutase mRNA and TNF-α mRNA expression by gastric mucosa in (Izutani et al.), S14
metastatis of associated with type IV collagenase, TIMP, and nm23 (Ogawa et al.), S67
p53 expression in (Tsou et al.), S61
palliative gastrectomy for (Khandelwal et al.), S45
prognostic factors for (Kim et al.), 872
prognostic signs for survival 5 years after gastrectomy (Moriwaki et al.), S68
prognostic value of c-erbB-2 and p53 protein expression in (Oh et al.), S27
prophylactic chemotherapy during surgery for (Mai et al.), S31
radical lymph node dissection in patients with (Bodner et al.), S52
serum C3 and C3a levels as prognostic factors for (Takeshita et al.), S51
simultaneous surgery for coronary artery disease and (Kamiike et al.), 879
ultrasound monitoring of EAP chemotherapy treatment of (Kulig et al.), S55
with and without lower esophagus infiltration (Takeshita et al.), 428
Gastric Carcinoids
relevance of hypergastrinemia associated with (Gough et al.), 473
Gastric Cardia Cancer
analysis of (Yoo et al.), S27
Gastric Emptying
after vagotomy, duodenectomy, and seromyotomy (Chang et al.), S60
effect of selective vagotomy on (Wang et al.), 131
Gastric Lesions
percutaneous transgastric endoscopic surgery for (Suzuki et al.), S70
Gastric Lymphoma
early-stage, efficacy of chemotherapy for (Tanaka et al.), 896
Gastric Mucosal Lesions
after abdominal aortic aneurysm surgery, prevention of (Konno et al.), 944
Gastric Remnant Cancer
evaluation of screening method for (Otani et al.), S59
Gastric Replacement Reservoir
importance after total gastrectomy (Mendes de Almeida et al.), 883
Gastric Resection
and development of esophageal carcinoma (Alvarado et al.), S32
Gastric Ulcer Perforation
effect of pneumoperitoneum on peritonitis induced by (Bloechle et al.), S15
Gastric Ulcers
after abdominal aortic aneurysm surgery, prevention of (Konno et al.), 944
Gastrin
released by parathyroid gland in primary hyperparathyroidism (Kuroda et al.), S48
significance in gastric cancer (Miyaji et al.), S35
Gastroduodenal Artery
pancreatoduodenectomy with preservation of (Nagai et al.), S38
Gastroduodenitis
stress-induced, role of platelet activating factor in (Ais et al.), S54
Gastroenteritis
idiopathic eosinophilic, in Korea (Kim et al.), S15
Gastroesophageal Reflux Disease
laparoscopic treatment of (Bloch et al.), S52
laparoscopic vs open fundoplication of (Heimbucher et al.), S40
role of omeprazole in use of antireflux surgery for (Mercer et al.), S43

Gastrointestinal Bleeding
pharmacologic prevention of first episode of (Lebrec), 229
Gastrointestinal Cancer
impairment of neutrophil function in (Arii et al.), S64
Gastrointestinal Hormones
role in colon with diverticular disease (Tomita et al.), S57
Gastrointestinal Motility
after conventional and laparoscopic cholecystectomy (Aoki et al.), S59
Gastrointestinal Tract
study of Schwannoma of (Yu et al.), S60
Gastrointestinal Tuberculosis
resection of (Kapoor et al.), S21
General Surgery
role in health care reform proposals in United States (Stone et al.), 738
Genetic Hemochromatosis
hepatocellular carcinoma in (Landen et al.), S17
Germany
laparoscopic surgery for gallstone disease (Hans-Jörg et al.), S53
Glucagon
effect on metabolic abnormalities in pancreatectomized patients (Tanjoh et al.), S58
Granular Cell Tumor
of esophagus (Kim et al.), S59
Granulated CD56$^+$ T Cells
increase of, in patients with malignancy (Takii et al.), S69
Granulocyte Colony Stimulating Factor (GCSF)
sepsis decreased in pancreatitis by immunostimulation with (Rao et al.), S16
Graves' Disease
thyroid carcinoma after radioactive iodine therapy for (Ozaki et al.), 518; (Tezelman et al.), 522
Growth Factors
role in breast cancer development, progression, and metastasis (El-Ashry et al.), 12

H
H2-Receptor Antagonists
effect on peptic ulcer surgery (Kashiwagi et al.), S35
Health Care Delivery System
in Australia (Prideaux et al.), 657; (Egerton), 662
in Belgium (Hubens et al.), 667
in Canada (Cohen et al.), 672, 676
in France (Nordlinger et al.), 681
in India (Apte et al.), 687
in Italy (Stipa et al.), 692
in Mexico (Cervantes et al.), 696
in South Africa (Thomson et al.), 701
in Sweden (Bengmark et al.), 707
in Switzerland (Wagner et al.), 714
in The Netherlands (Zwierstra et al.), 718
in United Kingdom (Brearley), 725; (Taylor), 730
in United States (Dunnington et al.), 734
Health Care Reform
effect on postgraduate surgical education (Pories et al.), 745
effect on surgery in United States (Stone et al.), 738
Health Insurance System
in Belgium (Hubens et al.), 667
***Helicobacter pylori* Infection**
in gastric cancer (Zinkiewicz et al.), S36
in reflux esophagitis (Wallner et al.), S19
Heparan Sulfate
inhibits hepatocyte proliferation during liver regeneration (Toyoki et al.), S29
Hepatectomy
Doppler analysis of hepatic blood flow predicts liver dysfunction after (Kin et al.), 143
effects of PGE_1 on organ function after (Endoh et al.), S36
for hepatocellular carcinoma with cirrhoisis (Fan et al.), S23
plasma uric acid values during (Kogure et al.), S13
risk factors for (Chen et al.), S46
Hepatic Blood Flow
Doppler analysis predicts liver dysfunction after hepatectomy (Kin et al.), 143
Hepatic Cryotherapy
for colorectal metastases, thrombocytopenia after (Cozzi et al.), 774
Hepatic Metastases
hyperthermo-chemo-hypoxic isolated liver perfusion for (Horikawa et al.), 840
Hepatic Reresection
for recurrent liver metastases (Lamadé et al.), S49
Hepatic Resection
bile acid tolerance test for preoperative estimation of functional reserve of liver in (Ohnishi et al.), S64
for hepatolithiasis (Sato et al.), S27
in patients with liver cirrhosis, safe limits of (Nakata et al.), S61
intrahepatic cholelithiasis treated with (Lee et al.), S71
under partial perfusion cooling (Hamamoto et al.), 834
with Klatskin tumor resection (Launois et al.), S18
Hepatocellular Carcinoma
associated with liver disease, resection vs. Transplantation (Meunier et al.), S19
effect of preoperative transcatheter arterial embolization of (Liu et al.), S44
en bloc resection of adjacent organs to (Jeng et al.), 845
in genetic hemochromatosis (Landen et al.), S17
recurrent, indication of second resection for (Shuto et al.), S28
with cirrhosis, hepatectomy for (Fan et al.), S23
with mutant p53 protein, histological features of (Okuda et al.), S28
Hepatocellular Injury
serum aspartate transaminase as indicator of (Cozzi et al.), 774
Hepatolithiasis
cholangiocarcinoma occurring in followup study of (Jan), S23
hepatic resection for (Sato et al.), S27
Hereditary Breast Cancer
genetic counseling for ana knowledge of (Lynch et al.), 21
Hereditary Breast-Ovarian Cancer (HBOC) Syndrome
genetic counseling for and knowledge of (Lynch et al.), 21
Hirschsprung's Disease
nitric oxide and the nonadrenergic inhibitory nerve in (Tomita et al.), S57
Holle Pyloroplasty
effect of highly selective vagotomy on gastric emptying in patients with obstructing duodenal ulcer treated by (Wang et al.), 131
Human Immunodeficiency Virus (HIV)
acute abdomen in patients with (Moreno Sanz et al.), S66
surgeons' risk of infection of (Lin et al.), 753
Hyperammonemia
associated with nonfunctioning islet cell tumor (Matsuo et al.), S66
Hyperamylasemia
associated with nonfunctioning islet cell tumor (Matsuo et al.), S66
Hypergastrinemia
associated with gastric carcinoids (Gough et al.), 473
Hyperparathyroidism
in elderly, surgery for (Öhrvall et al.), 612
parathyroid localization by venous catheterization to determine PTH blood concentration before surgery for (Nilsson et al.), 605
renal, role of proliferating nodular parathyroid gland graft cells in treating (Ohta et al.), 625

Hyperplastic Parathyroid Glands
basic fibroblast growth factor in (Komatsu et al.), 921
Hyperthermo-Chemo-Hypoxic Isolated Liver Perfusion
for hepatic metastases (Horikawa et al.), 840
Hyperthermotherapy
for advanced gastric cancer (Uetake et al.), S63

I
^{131}I Ablation
role in outcome of management of papillary thyroid carcinoma (DeGroot et al.), 123
Ileal Pouchitis
role of blood transfusion in development of (Ferzoco et al.), S42
Ileus
following conventional and laparoscopic intestinal surgery (Böhm et al.), S34
Immunochemosurgery
advanced gastric cancer treated by (Kim et al.), 872
Immunocytochemistry
calcitonin and somatostatin peptide expression in medullary thyroid cancer studied by (Neonakis et al.), 588
Immunohistochemical Methods
thyroid tumor cells studied for p53 mutations by (Simon et al.), 535
Immunohistochemical Staining
basic fibroblast growth factor detected in malignant thyroid tumors by (Shingu et al.), 500
Immunomodulator LS-2616
stimulation of wound healing by (Lepistö et al.), 818
India
surgical education in (Apte et al.), 687
Inferior Vena Cava
leiomyosarcoma of (Taniguchi et al.), S41
resection of, at gastroenterological surgery (Kasano et al.), S64
Inflammatory Breast Cancer
management of (Singletary et al.), 87
Inguinal Hernia
local versus general anesthesia for Shouldice Repair of (Pieper et al.), 912
Insulin-like Growth Factor I Receptors
in human parathyroid tumors (Tanaka et al.), 635
Insulin-like Growth Factor-Binding Proteins
in human parathyroid tumors (Tanaka et al.), 635
Insulinoma
associated with multiple endocrine neoplasia type I, surgical management of (O'Riordain et al.), 488
Interferon
midgut carcinoid tumors treated with (Makridis et al.), 481
International Society of Surgery
from Kocher to Allgöwer (Nyhus), 807
Intraabdominal Mesenteric Desmoid Tumor
diagnosis and treatment of (Nakamura et al.), S41
Intraadrenal Chromaffin Tumor
study of frequency of (Proye et al.), 467
Intracavitary Irradiation
with remote-controlled after loading system for esophageal cancer (Toki et al.), S57
Intractable Ascites
role of surgical therapy in management of (Elcheroth et al.), 240
Intrahepatic Cholangiocellular Carcinoma
histopathological and biological features of (Yamagiwa et al.), S39
Intrahepatic Cholelithiasis
treated with partial liver resection (Lee et al.), S71
Intraluminal Shunt
for aortic repair, hemodynamics and regional blood flows with (Van Voorst et al.), 939
Intraoperative Ultrasonography
role during laparoscopic cholecystectomy (Kawai et al.), S47
Intraperitoneal Hyperthermochemotherapy
in patients with resected gastric cancer (Lee et al.), S45
Intraportal Prostaglandin E_1 Administration
effect on warm ischemic liver damage in dogs (Sasaki et al.), S29
Ipsilateral Breast Tumor Recurrence
effects of lumpectomy with and without irradiation on (Fisher et al.), 63
Irradiation Therapy
preoperative, for rectal cancer (Takiguchi et al.), S68
Ischemia-Reperfusion Injury
cytoprotective effect of thromboxane A_2 receptor antagonist on (Haba et al.), S37
Ischemic-Reperfused Intestinum Jejunum
hydroxyl free radical monitoring in (Hirata et al.), S62
Italy
surgical education in (Stipa et al.), 692
Ivor-Lewis Esophagectomy
fistulae after (Lozac'h et al.), S43

J
J Reservoir
in lower rectal cancer (Leo et al.), S71
Jaboulay Gastroduodenostomy
effect of highly selective vagotomy on gastric emptying in patients with obstructing duodenal ulcer treated by (Wang et al.), 131
Japan
Sugiura procedure for management of variceal bleeding in (Idezuki et al.), 216

K
Klatskin Tumors
curative surgical management of (Launois et al.), S18
results of aggressive surgery for (Ramesh et al.), S24

L
Laparoscopic Appendectomy
elective, in patients with familial Mediterranean fever (Reissman et al.), 139
versus conventional appendectomy (Reiertsen et al.), 411
Laparoscopic Cholecystectomy
biliary tract injury during (Kestens et al.), S13
compared with minilap (Kareem et al.), S42
cost compared with open (Chario et al.), S44
effect of pneumoperitoneum on interatrial pressure gradient during (Iwase et al.), S22
efficacy of preoperative cholangiography (Chiotasso et al.), S33
endoscopic retrograde cholangiopancreaticography in (Liu et al.), S61
factors in conversion of (Sikora et al.), S20
gastrointestinal motility after (Aoki et al.), S59
in children (Simi et al.), S38
minimizing risk of bile duct injury during (Cox et al.), 422
role of intraoperative ultrasonography during (Kawai et al.), S47
stress in (Milheiro et al.), S14
training programs for (Yamashita et al.), 279
use of ERCP in (Rieger et al.), 900
with endoscopic sphincterotomy (Fiocca et al.), S51
Laparoscopic Colectomy
evaluation of results of (Trébuchet et al.), S19
Laparoscopic Enteroscopy
of small bowel (Kiparissis et al.), S12

Laparoscopic Oncologic Right Colectomy
with intraperitoneal anastomosis in cadaver model (Milsom et al.), S33
Laparoscopy
appendicitis treated by, compared with conventional appendectomy (Reiertsen et al.), 411
elective appendectomy by, in patients with familial Mediterranean fever (Reissman et al.), 139
in emergency setting (Sortini et al.), S51
of gallbladder, minimizing risk of bile duct injury during (Cox et al.), 422
rectal problems treated by (Sali et al.), S50
Laser Doppler Flowmetry
human parathyroid blood supply determined by (Johansson et al.), 417
Left Ventricular Hypertrophy
primary hyperparathyroidism and (Längle et al.), 619
Leiomyosarcoma
of inferior vena cava, surgical management of (Taniguchi et al.), S41
Ligation
esophageal variceal bleeding treated by (Terblanche et al.), 185
Linitis Plastica
of the colon and rectum (Suda et al.), S69
Lithotripsy
comparison of four procedures for treating biliary stones (Fiocca et al.), S51
percutaneous postoperative choledochoscopic, for residual biliary stones (Ker et al.), S71
Liver
nitric oxide production by (Takemura et al.), S37
variceal bleeding and (Langer), 169
Liver Abscess
pyogenic, percutaneous versus surgical drainage of (Mischinger et al.), 852
Liver Allograft Rejection
in rats, apoptosis in (Teramoto et al.), S32
Liver Damage
warm ischemic, effect of intraportal PGE_1 administration on (Sasaki et al.), S29
Liver Disease
hepatocellular carcinoma associated with (Meunier et al.), S19
intractable ascites and (Elcheroth et al.), 240
role in results of Sugiura procedure for treating variceal bleeding (Dagenais et al.), 222
role in survival after distal splenorenal shunt for treating variceal bleeding (Henderson), 205
role of liver transplantation for treating esophageal variceal hemorrhage in patients with (Ringe et al.), 233
Liver Dysfunction
after major hepatectomy predicted by Doppler analysis of hepatic blood flow (Kin et al.), 143
Liver Function
noncirrhotic portal hypertension and (McCormick et al.), 171
Liver Hydatid Disease
diagnostic evaluation and surgical management of (Safioleas et al.), 859
Liver Metastases
from colorectal cancer, carcinologic survey of (Chiatasso et al.), S33
of colorectal cancer, chemotherapy for (Yoshinaga et al.), S68
ultrasound monitoring of EAP chemotherapy for (Kulig et al.), S55
Liver Regeneration
effect of heparan sulfate on (Toyoki et al.), S29
Liver Transplantation
biliary complications after (Alvarado et al.), S32
cold preservation time and biliary complications in (Moreno et al.), S32
orthotopic, impact of TIPS on (Menegaux et al.), 866
orthotopic, portal hypertension in children treated by (Maksoud et al.), 251
problems requiring regrafting after (Saxena et al.), S50
risk factors of late biliary complications (Meunier et al.), S18
role in management of esophageal variceal hemorrhage (Ringe et al.), 233
Locally Advanced Breast Cancer
management of with multimodality treatment (Borgen), 81
Low Rectal Cancer
rectal resection, coloanal anastomosis, and "J" reservoir in (Leo et al.), S71
treated by abdomino-preanal extrasphincteric resection of rectum (Oah et al.), S39
Lower Esophageal Sphincter
motility study in four different quandrants of (Schneider et al.), S45
Lower Rectum Carcinoma
lymph node dissection in (Sekine et al.), S29
Lumpectomy
risks of local recurrence of breast cancer after, versus quadrantectomy (Veronesi et al.), 70
with and without irradiation for breast conservation (Fisher et al.), 63
Lung Cancer
bronchoplastic procedures for (Kawahara et al.), 822
Lymph Node Dissection
in gastric cancer patients (Bodner et al.), S52
in lower rectum carcinoma (Sekine et al.), S29
Lymph Node Metastases
and esophageal cancer, treatment of (Lerut et al.), 379
from differentiated thyroid carcinoma, radioiodine treatment of (Pacini et al.), 600
in stomach cancer, prognostic significance of (Kwon et al.), S21
locoregional, as prognostic factor in papillary thyroid cancer (Scheumann et al.), 559
of esophageal squamous cell carcinoma, resection of (Ide et al.), 321
role of basic fibroblast growth factor in (Shingu et al.), 500
thoracic esophageal carcinoma and (Fujita et al.), 266
three-field dissection of (Hennessy), 367
Lymph Nodes
dissection of, in esophageal infiltration by gastric cancer (Takeshita et al.), 428
Lymphadenectomy
benefits of (Hennessy), 367
for esophageal cancer, results of (Higashino et al.), S28
in conjunction with gastrectomy for treating gastric cancer (Mendes de Almeida et al.), 889
of lymph nodes involved with esophageal carcinoma (Lerut et al.), 379

M

Major Histocompatibility Complex Class I and II Antigens
induction of by midgut carcinoid tumors (Makridis et al.), 481
Mastectomy
patient selection for (Moore et al.), 58
role of radiotherapy following, in early breast cancer (Houghton et al.), 117
salvage, for treating breast cancer recurrence after conservation surgery (Osborne et al.), 93
with chemotherapy for treating inflammatory breast cancer (Singletary et al.), 87
Medullary Thyroid Cancer
CD15 (LeuM1) immunoreactivity correlated with (Längle et al.), 583

expression of calcitonin, somatostatin peptide and mRNA in (Neonakis et al.), 588
presymptomatic screening for, in multiple endocrine neoplasia type 2A patients (Frilling et al.), 577
Memorial Hospital Breast Service
experience with patient selection criteria for conservation surgery (Moore et al.), 58
Menopause
effect on bone after gastrectomy (Yakaoka et al.), S70
Metabolic Disturbances
after Roux-en-Y procedure for reflux gastritis (Bielecki et al.), S22
Metastatic Breast Cancer
management of (Wong et al.), 98
Metastatic Differentiated Thyroid Cancer
radioactive iodine treatment of (Pacini et al.), 600
Metastatic Parathyroid Cancer
study of clinical course of (Sandelin et al.), 594
Metastatic Perigastric Lymph Nodes
p53 expression in (Tsou et al.), S61
Mexico
surgical education in (Cervantes et al.), 696
Midgut Carcinoid Tumors
role of MHC class I and II antigens in interferon treatment of (Makridis et al.), 481
Milan Cancer Institute Trials
results of conservation approaches for managing breast cancer (Veronesi et al.), 70
Minilap Cholecystectomy
compared with laparoscopic (Kareem et al.), S42
Monoclonal Antibody
invasive capacity of colon cancer inhibited by (Koda et al.), S38
Morbidity
after resection of esophageal squamous cell carcinoma (Zhang et al.), 347; (Fok et al.), 355
associated with three-field dissection of lymph nodes (Hennessy), 367
in elderly after surgery for primary hyperparathyroidism (Öhrvall et al.), 612
of one-stage resection of esophageal squamous cell carcinoma, risk factors of (Law et al.), 339
Mortality
after resection of esophageal squamous cell carcinoma (Zhang et al.), 347; (Fok et al.), 355
associated with advanced esophageal carcinoma (Lerut et al.), 379
associated with peptic ulcer hemorrhage (Mueller et al.), 406
in elderly after surgery for primary hyperparathyroidism (Öhrvall et al.), 612
of one-stage resection of esophageal squamous cell carcinoma, risk factors of (Law et al.), 339
Multiple Endocrine Neoplasia Type 2A
presymptomatic screening for medullary thyroid cancer in patients with (Frilling et al.), 577
Multiple Endocrine Neoplasia Type I
basic fibroblast growth factor in hyperplastic parathyroid glands from patients with (Komatsu et al.), 921
surgical management of insulinoma associated with (O'Riordain et al.), 488
Multivariate Analysis
of gastric cancer patients, prognostic factors confirmed by (Kim et al.), 872
of risk factors in survival of papillary thyroid cancer (Lorentz et al.), 547
of risk factors for papillary thyroid cancer (Noguchi et al.), 552
Mutation-Specific Oligonucleotide Hybridization
thyroid tumor cells studied for p53 mutations by (Simon et al.), 535
Myocardium Calcific Deposits
primary hyperparathyroidism and (Längle et al.), 619

N

National Surgical Adjuvant Breast and Bowel Project (NSABP)
results of conservative surgery for breast cancer from trials of (Fisher et al.), 63
NDP Kinase
relationship between metastatic potential of human colon cancer and expression of (Ichikawa et al.), S63
Neck Trauma
penetrating, mandatory exploration of (Apffelstaedt et al.), 917
Neoadjuvant Therapy
role in treatment of nonresectable esophageal carcinoma (Lerut et al.), 379
Neoangiogenesis
prevention of hepatic metastasis of colon cancer by preventing (Tanaka et al.), S13
Neutrophils
accumulation in lungs and visceral organs during early abdominal sepsis (Malmros et al.), 811
Nitric Oxide
effect on nonadrenergic inhibitory nerve in Hirschsprung's disease (Tomita et al.), S57
in severe pancreatitis (Tanjoh et al.), S58
liver production of (Takemura et al.), S37
role in changes in pancreatic secretion and blood flow (Patel et al.), S42
Noncomedo Ductal Carcinoma
as high-risk lesion and breast cancer precursor (Page et al.), 32

O

Obstructing Duodenal Ulcer
effects of selective vagotomy on gastric emptying in patients with (Wang et al.), 131
Octreotide
pancreatic fistulas treated with (Pasqualini et al.), S56
OK-432
as postoperative immunotherapy for advanced gastric cancer (Ogawa et al.), S66
Omental Implantation
perforated gastroduodenal ulcers treated by (Matoba et al.), S35
Omeprazole
effect on use of antireflux surgery (Mercer et al.), S43
Oncogenes
role in esophageal carcinoma (Katayama et al.), S45
ONO-3708
protective effect of, on liver function in cholestasis and ischemia-reperfusion injury (Haba et al.), S37
Open Abdomen Surgery
complications and mortality of (Wittmann et al.), S49
Open Cholecystectomy
prospective study comparing extracorporeal shock wave lithotripsy (Plaisier et al.), 769
stress in (Milheiro et al.), S14
Ovarian Cancer
hereditary breast cancer combined with (Lynch et al.), 21

P

Pancreas
inhibited by exogenous peptide YY (Robinson et al.), S36
unusual cystic lesions in and around (Greenberg et al.), S46
Pancreatectomy
glucagon treatment after (Tanjoh et al.), S58
Pancreatic Blood Flow
role of nitric oxide in (Patel et al.), S42
Pancreatic Cancer
echo-color-Doppler in preoperative staging of (Casadei et al.), S57
serum CA 242 in (Casadei et al.), S15
surgical palliation of (Bardaxoglou et al.), S58

Pancreatic Cysts
diagnosis and management of (Shimoyama et al.), S61
Pancreatic Duct
of choledochal cyst, termination in adult (Komi et al.), S20
Pancreatic Fistulas
treated with octreotide (Pasqualini et al.), S56
Pancreatic Islet Cell Transplantation
polyelectrolyte complex as microcapsule for (Shiohara et al.), S37
Pancreatic Islet Cell Tumor
nonfunctioning, hyperammonemia and hyperamylasemia associated with (Matsuo et al.), S66
Pancreatic Islet Cells
regeneration of after adult pancreatic fragment autotransplantation (Madureira), 259
Pancreatic Surgery
role of color representation of three-dimensional computed tomography (Aoki et al.), S34
Pancreaticoduodenectomy
in the elderly (Levi et al.), S12
Pancreatitis
duodenum-preserving resection of pancreas head for (Izbicki et al.), S29
granulocyte colony stimulating factor decreases sepsis in (Rao et al.), S16
outcome analysis of (Williams et al.), S41
necrotizing, review of operations for (Miller et al.), 906
nitric oxide and active oxygen intermediates in (Tanjoh et al.), S58
pancreatic and peripancreatic sepsis as complication of (Bhansali et al.), S13
severe acute, special treatment for (Hiura et al.), S24
Pancreatoduodenal Resection
in elderly (Koga et al.), S56
Pancreatoduodenectomy
postoperative immunological studies of (Yamada et al.), S65
risk factors for mortality and complications after (Ramesh et al.), S24
Papillary Thyroid Cancer
in Chinese, risk factors influencing survival of (Lorentz et al.), 547
prognosis and treatment of (DeGroot et al.), 123
prognosis-based classification of (Noguchi et al.), 552
prognostic significance and surgical management of locoregional lymph node metastases in (Scheumann et al.), 559
Paraesophagogastric Devascularization
for variceal hemorrhage after injection sclerotherapy (Tsukada et al.), S47
Paraganglioma
study of frequency of (Proye et al.), 467
Parathyroid Gland
blood supply of, determined by laser-Doppler flowmetry (Johansson et al.), 417
of renal hyperparathyroidism, proliferation of graft cells of (Ohta et al.), 625
Parathyroid Localization
by venous catheterization to determine parathyroid hormone serum concentration (Nilsson et al.), 605
Parathyroid Tissue
microencapsulated, allotransplantation of (Hasse et al.), 630
Parathyroid Tumors
role of IGF-I and IGFBP in growth regulation of (Tanaka et al.), 635
Patient Selection
for adjuvant systemic therapy for lymph-node-negative breast cancer (Wood), 39
for conservation surgery versus mastectomy (Moore et al.), 58
Peptic Ulcer Hemorrhage
short- and long-term outcome of defined-approach treatment of (Mueller et al.), 406
Peptic Ulcers
histamine H2-receptor antogonist as treatment for (Kashiwagi et al.), S35
Peptide YY
inhibition of unstimulated pancreas by (Robinson et al.), S36
role in colonic ion transport (Whang et al.), S41
Percutaneous Cholecystostomy
in acute cholecystitis (Chen et al.), S72
Percutaneous Transgastric Endoscopic Surgery
for gastric lesions (Suzuki et al.), S70
Perforated Gastroduodenal Ulcers
treated by omental implantation (Matoba et al.), S35
Perforated Peptic Ulcers
indications of conservative therapy for (Wakayama et al.), S69
Perfusion Cooling
hepatic resection under (Hamamoto et al.), 834
Periampullary Tumors
resection of (Landen et al.), S18
Peritoneovenous Shunts
intractable ascites treated by (Elcheroth et al.), 240
Peritonitis
induced by gastric ulcer perforation (Bloechle et al.), S15
Pharmacoptherapy
long-term management of variceal bleeding with (Lebrec), 229
Pharyngolaryngoesophagectomy
analysis of 22 cases of (Gasparri et al.), S16
Pheochromocytoma
study of frequency of (Proye et al.), 467
Photodynamic Therapy
early esophageal cancer treated by (Becker), 331
Platelet-Activating Factor
role in stress-induced erosive gastroduodenitis (Ais et al.), S54
Pneumoperitoneum
effect on interatrial pressure gradient during laparoscopic cholecystectomy (Iwase et al.), S22
effect on peritonitis induced by gastric ulcer perforation (Bloechle et al.), S15
Polyelectrolyte Complex
as a microcapsule for pancreatic islet cell transplantation (Shiohara et al.), S37
Polymorphonuclear Leukocytes
accumulation of, in lungs and visceral organs during sepsis (Malmros et al.), 811
Portacaval Anastomosis
variceal bleeding treated by (Stipa et al.), 200
Portacaval Shunts
narrow-diameter, for management of variceal bleeding (Collins et al.), 211
Portal Hypertension
extrahepatic, surgical management of (Orozco et al.), 246
in children (Maksoud et al.), 251
liver pathology and prognosis of (McCormick et al.), 171
narrow-diameter shunts for treating variceal bleeding in cirrhotic patients with (Collins et al.), 211
pharmacologic therapy of (Lebrec), 229
role in survival after distal splenorenal shunt for treating variceal bleeding (Henderson), 205
status of transjugular intrahepatic portosystemic shunts in management of (Radosevich et al.), 785
Sugiura procedure for (Idezuki et al.), 216
total portosystemic shunts for treatment of (Stipa et al.), 200
treatment for variceal bleeding associated with (Rikkers et al.), 193
treatment of (Langer), 169
Portal Hypertensive Esophageal Mucosa
extracellular matrix abnormalities in (Tanoue et al.), S20

Portal Vein Arterialization
effect of carbon dioxide on portal vein resistance during (Katagiri et al.), S47
Portal Vein Thrombosis
surgical management of (Orozco et al.), 246
Portosystemic Shunts
intractable ascites treated by (Elcheroth et al.), 240
partial, for control of bleeding esophageal varices in alcoholic cirrhotic patients (Collins et al.), 211
total, variceal bleeding and portal hypertension treated by (Stipa et al.), 200
Postgraduate Surgical Education
effect of U.S. health care reform on (Pories et al.), 745
Pregnancy
cholangitis developed in (Nakadaira et al.), S39
Primary Achalasia
myotomy for (Sirirer et al.), S17
Primary Care Physicians
surgical training for (Stone et al.), 738
Primary Hyperparathyroidism
cardiac abnormalities correlated with (Längle et al.), 619
parathyroid gland release of gastrin in (Kuroda et al.), S48
role of basic fibroblast growth factor in hyperplastic parathyroid glands in development of (Komatsu et al.), 921
Procollagen Type III Peptide
in systemic and portal blood in chronic liver disease (Mikhail et al.), S43
Proctocolectomy
clinical outcome and neorectoanal function after (Hatakeyama et al.), S70
for ulcerative colitis and familial polyposis coli (Oah et al.), S48
in children (Fonkalsrud), S16
Prognostic Classification Schemes
for management of papillary thyroid carcinoma, effect on outcome (DeGroot et al.), 123
Prognostic Factors
by multivariate analysis of gastric cancer patients (Kim et al.), 872
CD15 immunoreactivity as, for medullary thyroid cancer (Längle et al.), 583
for esophageal cancer (Youssef et al.), S26
of colorectal cancer with invasion of muscularis propria (Honda et al.), S25
role in patient selection for breast cancer therapy (Wood), 39
serum C3 and C3a levels as, for gastric cancer (Takeshita et al.), S51
Prognostic Marker
lymph node metastasis as, in papillary thyroid cancer (Scheumann et al.), 559
Prophylactic β-Blockers
esophageal bleeding varices treated with (Greig et al.), 176
Prophylaxis Delivery Route
in clean and clean-contaminated surgical wounds (Sawyer et al.), S11
Prostaglandin E_1
effect on hepatic hemodynamics and oxygen metabolism (Nakai et al.), S65
effect on organ function after hepatectomy (Endoh et al.), S36
Protein Proliferating Cell Nuclear Antigen
association with p53 protein overexpression in breast cancer patients (Schimmelpenning et al.), 827
Proto-oncogenes
role in breast cancer development, progession, and metastasis (El-Ashry et al.), 12
Proton Magnetic Resonance
analysis of thyroid neoplasms by (Delbridge et al.), 512
Proximal Gastric Vagotomy
compared with anterior lesser curve seromyotomy with posterior truncal vagotomy (Walia et al.), 758
Pulmonary Artery Catheters
resting energy expenditure determined by (Sawyer et al.), S42
Pulmonary Complications
of surgical resection of squamous cell carcinoma of esophague (Law et al.), 339
Pylorus
pancreatoduodenectomy with preservation of (Nagai et al.), S38

Q
Quality of Life
with esophageal cancer, measurement of (Gelfand et al.), 399
Quandrantectomy
risks of local recurrence of breast cancer after, versus lumpectomy (Veronesi et al.), 70

R
Radiation Therapy
after lumpectomy and quadrantectomy (Veronesi et al.), 70
following total mastectomy in early breast cancer (Houghton et al.), 117
local recurrence of breast cancer following conservation surgery with and without (Osteen), 76
Radioactive Iodine Therapy
of metastatic differentiated thyroid carcinoma (Pacini et al.), 600
thyroid carcinoma after treating Graves' disease with (Ozaki et al.), 518
thyroid carcinoma caused by (Tezelman et al.), 522
Radiochemotherapy
as adjuvant therapy for esophageal cancer (Nishihira et al.), 388
Radiotherapy
as adjuvant therapy for esophageal cancer (Nishihira et al.), 388
early esophageal cancer treated by (Becker), 331
uneven fractionation, combined with chemotherapy for esophageal cancer (Hashimoto et al.), S62
Randomized Control Study
unexpected difficulties in (Plaisier et al.), 769
***ras* Genes**
in human adrenal cortical tumors, point mutations of (Yashiro et al.), 455
Rectal Cancer
effects of preoperative irradiation therapy for (Takiguchi et al.), S68
positron emission tomography for diagnosis of local recurrence in (Takeuchi et al.), S36
preoperative diagnosis of intrapelvic lymphadenectomy for (Ishimoto et al.), S65
Rectal Prolapse
prosthesis of PTFE and polypropylene for (Verge et al.), S21
Rectal Resection
in lower rectal cancer (Leo et al.), S71
Rectal Tumor Staging
enteral nutrition in (Vitellaro et al.), S69
Rectum
invasing carcinoma into submucosal layer of (Mai et al.), S31
primary linitis plastica of (Suda et al.), S69
Reflux Esophagitis
Helicobacter pylori infection in (Wallner et al.), S19
Reflux Gastritis
metabolic disturbances after Roux-en-Y procedure for (Bielecki et al.), S22
Relaparotomy
complications and mortality of (Wittmann et al.), S49
Reoperation
after surgery for chronic duodenal ulcer (Bapaye et al.), S49
avoidance of (Bapaye et al.), S48
Resection
of advanced esophageal carcinoma (Lerut et al.), 379
of early esophageal cancer (Becker), 331

of squamous esophageal carcinoma (Altorki et al.), 308; (Law et al.), 339
of squamous esophageal carcinoma, results from East of (Fok et al.), 355
of squamous esophageal carcinoma, role of staging in (Hölscher et al.), 312
of squamous esophageal carcinoma, survival from (Ide et al.), 321; (Zhang et al.), 347
Resting Energy Expenditure
determined by pulmonary artery catheters (Sawyer et al.), S42
in patients with gastrointestinal disease (Haraguchi et al.), S66
Retroperitoneal Fasciitis
associated with necrotizing pancreatitis (Miller et al.), 906
Risk Analysis
in resection of squamous cell carcinoma of esophagus (Law et al.), 339
Risk Factors
for local recurrence of breast cancer after conservation surgery (Osteen), 76
in papillary thyroid cancer (Scheumann et al.), 559
influencing survival of Chinese with papillary thyroid cancer (Lorentz et al.), 547
papillary thyroid cancer classification based on (Noguchi et al.), 552
role in patient selection for adjuvant systemic therapy in lymph-node-negative breast cancer (Wood), 39
Roux-en-Y Jejunal Pouch Reconstruction
following total gastrectomy, functional results of (Ono et al.), S40
Roux-Y Loop
after total gastrectomy, clinical and nutritional results of (Mendes de Almeida et al.), 883

S
Salvage Mastectomy
for treating ipsilateral breast cancer recurrence after conservation surgery (Osborne et al.), 93
Schistosomiasis
portal hypertension, liver function and (McCormick et al.), 171
Schwannoma
of gastrointestinal tract, ultrastructural and immunohistochemical study of (Yu et al.), S60
retroperitoneal malignant, roentgenographic and histopathologic study of (Jan et al.), S60
Scintigraphy
as preoperative diagnostic test for thyroid disease, evaluation of (de Roy van Zuidewijn et al.), 506
Sclerotherapy
acute variceal hemorrhage treated by (Barsoum et al.), 273
endoscopic, portal hypertension in children treated by (Maksoud et al.), 251
recurrent variceal bleeding treated by (Greig et al.), 176
variceal bleeding treated by (Terblanche et al.), 185
Selective Decontamination
of colon by oral antibiotics (Taylor et al.), 926
Sigmoidoscope
rectal problems treated by (Sali et al.), S50
Small Bowel
effect of cisplatinum on contractile activity of (Otterson et al.), S20
laparoscopic enteroscopy of (Kiparissis et al.), S12
Somatostatin mRNA
expression of, in medullary thyroid cancer (Neonakis et al.), 588
Somatostatin Peptide
expression of, in medullary thyroid cancer (Neonakis et al.), 588
South Africa
surgical education in (Thomson et al.), 701
Splenic Trauma
nonoperative treatment of (Isa et al.), S56
Squamous Cell Carcinoma of Esophagus
pathology and prognosis of (Ide et al.), 321
pre- and postoperative TNM staging of (Hölscher et al.), 312
quality of life for patients with (Gelfand et al.), 399
resection of and survival from (Altorki et al.), 308
results from East of resection of (Fok et al.), 355
results from West of resection of (Watson), 361
results of surgical resection of (Zhang et al.), 347
risk analysis in resection of (Law et al.), 339
role of resection in survival and accuracy of staging of (Lerut et al.), 379
Squamous Cell Carcinoma of Thyroid
rarity and autopsy review of (Harada et al.), 542
Staged Abdominal Repair
complications and mortality of (Wittmann et al.), S49
Staging
of squamous esophageal cancer, accuracy and value of (Hölscher et al.), 312
of squamous esophageal cancer, effect on results of surgical resection (Watson), 361
Stomach Cancer
lymph node metastasis in (Kwon et al.), S21
Sugiura Procedure
extrahepatic portal hypertension and variceal bleeding managed by (Orozco et al.), 246
for variceal bleeding, outside Japan, experience with (Dagenais et al.), 222
variceal bleeding managed by (Idezuki et al.), 216
Suppressor Genes
role in breast cancer development, progession, and metastasis (El-Ashry et al.), 12
Surgeons
risks of HIV infection of (Lin et al.), 753
Surgical Education
in Australia (Prideaux et al.), 657; (Egerton), 662
in Canada (Cohen et al.), 676
in France (Nordlinger et al.), 681
in India (Apte et al.), 687
in Italy (Stipa et al.), 692
in Mexico (Cervantes et al.), 696
in South Africa (Thomson et al.), 701
in Sweden (Bengmark et al.), 707
in Switzerland (Wagner et al.), 714
in The Netherlands (Zwierstra et al.), 718
in United Kingdom (Brearley), 725; (Taylor), 730
in United States (Dunnington et al.), 734; (Pories et al.), 745
Surgical Margins
cancer invasion on (Ogura et al.), 778
Surgical Obstructive Jaundice
serum immunoglobin and complement changes in (Chandra et al.), S50
Surgical Sketch
Uriah Heep syndrome (Carter), 790
Surgical Training
in Belgium (Hubens et al.), 667
in South Africa (Thomson et al.), 701
in Sweden (Bengmark et al.), 707
in Switzerland (Wagner et al.), 714
in United Kingdom (Brearley), 725; (Taylor), 730
in United States (Stone et al.), 738
Surgical Wounds
antibiotic prophylaxis delivery route in (Sawyer et al.), S11
Survival Rate
after resection of esophageal squamous cell carinoma (Ide et al.), 321; (Fok et al.), 355; (Watson), 361
of adjuvant therapy for esophageal cancer (Nishihira et al.), 388
of necrotizing pancreatitis (Miller et al.), 906

of papillary thyroid cancer, role of lymph node metastasis in (Scheumann et al.), 559
Sweden
surgical education in (Bengmark et al.), 707
Switzerland
surgical education in (Wagner et al.), 714
Synthetic Proteinase Inhibitors
effect on hypercoagulability after surgery for esophageal cancer (Usuba et al.), S26

T
T-Plasminogen Activator Level
predictor of peritoneal recurrence of gastric cancer by (Asao et al.), S26
Taxol
role in management of metastatic breast cancer (Wong et al.), 98
Taxotere
role in management of metastatic breast cancer (Wong et al.), 98
Taxoxifen
for treating systemic breast cancer (Davidson et al.), 112
Temperature Gradient Gel Electrophoresis
thyroid tumor cells studied for p53 mutations by (Simon et al.), 535
The Netherlands
surgical education in (Zwierstra et al.), 718
Thoracic Aorta
intraluminal shunt for (Van Voorst et al.), 939
Thoracic Esophagectomy
for lower esophageal cancer (Iwase et al.), S23
video assistance in (Liu et al.), S12
Thoracic Esophagus Carcinoma
lymph node metastasis and recurrence in patients with (Fujita et al.), 266
Three-Field Dissection
as adjuvant therapy for thoracic esophageal cancer (Nishihira et al.), 388
lymph node recurrence after (Fujita et al.), 266
of cervical lymph nodes involved in esophageal cancer (Hennessy), 367; (Lerut et al.), 379
Thrombocytopenia
after hepatic cryotherapy for colorectal metastases (Cozzi et al.), 774
Thromboxane A_2 Receptor Antagonist
cytoprotective effect of, on cholestasis and ischemia-reperfusion injury (Haba et al.), S37
Thyroid Cancer
after radioactive iodine therapy for Graves's disease (Ozaki et al.), 518
cystic lymph node in (Verge et al.), S55
exposure to radioactive iodine as cause of (Tezelman et al.), 522
medullary, CD15 immunoreactivity correlated with (Längle et al.), 583
medullary, expression of calcitonin, somatostatin peptide and mRNA in (Neonakis et al.), 588
medullary, presymptomatic screening for MEN IIA patients (Frilling et al.), 577
metastatic, radioactive iodine therapy of (Pacini et al.), 600
papillary, in Chinese, risk factors influencing survival of (Lorentz et al.), 547
papillary, prognosis-based classification of (Noguchi et al.), 552
papillary, prognostic significance and surgical management of locoregional lymph node metastases in (Scheumann et al.), 559
squamous cell carcinoma in (Harada et al.), 542
Thyroid Cancer Cell Line
diminished expression of fibronectin receptor by invasive clone of (Demeure et al.), 569
Thyroid Disease
preoperative diagnostic test for (de Roy van Zuidewijn et al.), 506
Thyroid Disorders
expression of basic fibroblast growth factor in (Shingu et al.), 500
Thyroid Neoplasia II
role of proton magnetic resonance analysis in avoidance of surgery for (Delbridge et al.), 512
Thyroid Nodules
thyroperoxidase immunodetection for diagnosis of malignancy of (Henry et al.), 529
untreated benign, long-term followup of (Kuma et al.), 495
Thyroid Tumors
role of p53 tumor suppressor gene mutations in (Simon et al.), 535
Thyroid-Stimulating Hormone
effect on fibronectin secretion by clones of human follicular thyroid cancer cell line (Demeure et al.), 569
Thyroperoxidase Immunodetection
for diagnosis of malignancy on fine-needle aspiration biopsy of thyroid nodules (Henry et al.), 529
Tissue Inhibitor of Metalloproteinase (TIMP)
relationship with gastric cancer (Ogawa et al.), S67
Topotecan
role in management of metastatic breast cancer (Wong et al.), 98
Total Esophagectomy
for esophageal cancer, with thoracoscopy (Bloch et al.), S52
Total Parenteral Nutrition
as perioperative nutritional support for patients with esophageal cancer (Nagahama et al.), S35
Training Programs
for laparoscopic cholecystectomy, evaluation of (Yamashita et al.), 279
Transcatheter Arterial Embolization
before resection of hepatocellular carcinoma (Liu et al.), S44
Transfusion
during liver transplantation, effect of TIPS on (Menegaux et al.), 866
Transjugular Intrahepatic Portosystemic Shunt (TIPS)
acute variceal hemorrhage treated by (Rikkers et al.), 193
effects on systemic hemodynamics (Naritaka et al.), S67
impact on orthotopic liver transplantation (Menegaux et al.), 866
management of portal hypertension by (Radosevich et al.), 785
Tropical Splenomegaly Syndrome
splenectomy surgery in (Godbole et al.), S14
Tumor Suppressor APC Gene
loss of heterozygosity of, in colorectal adenocarcinoma (Moreno Azcoita et al.), S55
Tumor Suppressor p53 Gene
expression of, in gastric cancer (Oh et al.), S27; (Tsou et al.), S61
highly proliferative human mammary adenocarcinomas and overexpression of (Schimmelpenning et al.), 827
mutant in hepatocellular carcinoma (Okuda et al.), S28
role in esophageal carcinoma (Katayama et al.), S45
role in thyroid tumor development (Simon et al.), 535
Type IV Collagenase
relationship with gastric cancer (Ogawa et al.), S67

U
Ulcerative Colitis
restorative proctocolectomy of (Oah et al.), S48
Ultrasonography
followup of untreated benign thyroid nodules performed by (Kuma et al.), 495
Ultrasound-Guided Fine-Needle Aspiration Biopsy
followup of untreated benign thyroid nodules performed by (Kuma et al.), 495

United Kingdom
surgical education in (Brearley), 725; (Taylor), 730
United States
health care reform in (Stone et al.), 738
postgraduate surgical education and health care reform in (Pories et al.), 745
surgical education in (Dunnington et al.), 734
Universal Health Care
in Canada (Cohen et al.), 672
Upper Esophageal Sphincter
manometric evaluation of, in dysphagia patients (Thomas et al.), S40
Upper Gastrointestinal Tract
prevention of bleeding in, after abdominal aortic aneurysm surgery (Konno et al.), 944
Urinary Tripsin Inhibitor Levels
surgical injury indicated by (Odaka et al.), S59

V
Vagotomy
effect on gastric emptying in patients with obstructing duodenal ulcer (Wang et al.), 131
Valvular Calcifications
primary hyperparathyroidism and (Längle et al.), 619
Variceal Bleeding
acute, surgical management of (Rikkers et al.), 193
liver function and prognosis of (McCormick et al.), 171
long-term management of (Terblanche et al.), 185
narrow-diameter portacaval shunt for management of (Collins et al.), 211
pharmacotherapy for long-term management of (Lebrec), 229
prophylactic treatment of (Greig et al.), 176
radical esophagogastric devascularization procedures for (Dagenais et al.), 222
role of distal splenorenal shunt for long-term management of (Henderson), 205
Sugiura procedure for management of (Idezuki et al.), 216
surgical management of (Orozco et al.), 246
total shunting and elective management of (Stipa et al.), 200
treatment of (Langer), 169
Vascular Disorders
Behçet's disease and (Kuzu et al.), 948
Venous Catheterization
to determine serum parathyroid hormone concentrations before hyperparathyroid surgery (Nilsson et al.), 605

W
Wound Healing
stimulation of, by immunomodulator LS-2616 (Lepistö et al.), 818